Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099062.D
Acq On : 4 Oct 2017 6:28
Operator : SJ/JU
Sample : I5531-07DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 04 08:26:48 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	6.87	152	112393	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	369134	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	120875	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	198051	20.00	ng	-0.04
75) Chrysene-d12	14.04	240	252252	20.00	ng	-0.05
86) Perylene-d12	15.52	264	249936	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	80555	11.41	ng	-0.06
7) Phenol-d6	6.49	99	91572	10.51	ng	-0.06
23) Nitrobenzene-d5	7.43	82	58237	10.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.70	330	7766	7.85	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	68869	9.51	ng	-0.05
78) Terphenyl-d14	12.98	244	60838	5.48	ng	-0.05
Target Compounds						Qvalue
6) Aniline	6.54	93	1328	0.11	ng	# 1
9) Benzaldehyde	6.43	77	3583	0.71	ng	# 1
10) Phenol	6.50	94	2037	0.21	ng	# 41
11) bis(2-Chloroethyl)ether	6.59	93	287	0.04	ng	# 1
12) 1,3-Dichlorobenzene	6.89	146	256	0.03	ng	# 13
13) 1,4-Dichlorobenzene	6.89	146	256	0.03	ng	# 1
14) 1,2-Dichlorobenzene	6.89	146	256	0.03	ng	# 1
15) Benzyl Alcohol	7.03	79	2943	0.46	ng	# 42
17) 2-Methylphenol	7.12	107	1566	0.24	ng	# 1
18) Hexachloroethane	7.40	117	30165	9.85	ng	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	13872	2.49	ng	# 65
20) 3+4-Methylphenols	7.27	107	3254	0.39	ng	# 1
22) Acetophenone	7.26	105	2919	0.33	ng	# 1
24) Nitrobenzene	7.44	77	9563	1.46	ng	# 47
25) Isophorone	7.68	82	35666	3.00	ng	# 1
26) 2-Nitrophenol	7.77	139	4378	1.39	ng	# 1
27) 2,4-Dimethylphenol	7.81	122	8401	1.42	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	5366	0.72	ng	# 1
29) 2,4-Dichlorophenol	8.00	162	4030	0.79	ng	# 1
30) 1,2,4-Trichlorobenzene	8.10	180	582	0.11	ng	# 88
31) Naphthalene	8.17	128	20457	1.18	ng	# 27
32) Benzoic acid	7.95	122	5419	1.11	ng	# 17
33) 4-Chloroaniline	8.24	127	2663	0.37	ng	# 1
35) Caprolactam	8.61	113	6522	3.99	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	6971	1.22	ng	# 27
37) 2-Methylnaphthalene	8.87	142	275090	24.41	ng	99
42) 2,4,6-Trichlorophenol	9.14	196	663	0.26	ng	# 13
43) 2,4,5-Trichlorophenol	9.14	196	657	0.26	ng	# 1
45) 1,1'-Biphenyl	9.33	154	1783	0.17	ng	# 41
46) 2-Chloronaphthalene	9.34	162	4116	0.53	ng	# 56
47) 2-Nitroaniline	9.47	65	2771	1.16	ng	# 1
48) Acenaphthylene	9.77	152	26605	2.23	ng	# 1
49) Dimethylphthalate	9.65	163	2716	0.30	ng	# 22
50) 2,6-Dinitrotoluene	9.68	165	7887	3.97	ng	# 50

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 04 08:26:48 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)
51) Acenaphthene	9.95	154	37433	4.95	ng	#	68
52) 3-Nitroaniline	9.87	138	9711	4.19	ng	#	20
53) 2,4-Dinitrophenol	9.95	184	352	6.14	ng	#	1
54) Dibenzofuran	10.12	168	48083	4.77	ng	#	8
55) 4-Nitrophenol	10.02	139	26356	13.46	ng	#	18
56) 2,4-Dinitrotoluene	10.12	165	14485	5.62	ng	#	56
57) Fluorene	10.46	166	76777	9.49	ng	#	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	242	0.14	ng	#	1
59) Diethylphthalate	10.32	149	1220	0.14	ng	#	6
60) 4-Chlorophenyl-phenylether	10.48	204	2446	0.67	ng	#	1
61) 4-Nitroaniline	10.37	138	12700	5.68	ng		78
62) Azobenzene	10.61	77	11484	1.40	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.53	198	1003	0.83	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	120097	17.50	ng	#	47
66) 4-Bromophenyl-phenylether	10.97	248	174	0.09	ng	#	1
68) Atrazine	11.06	200	2053	0.99	ng	#	1
69) Pentachlorophenol	11.23	266	640	0.50	ng	#	39
70) Phenanthrene	11.43	178	262460	24.76	ng		97
71) Anthracene	11.48	178	31843	2.94	ng	#	76
72) Carbazole	11.63	167	6744	0.63	ng	#	1
73) Di-n-butylphthalate	11.95	149	8109	0.63	ng	#	49
74) Fluoranthene	12.62	202	104161	9.70	ng		98
76) Benzidine	12.73	184	855	0.09	ng	#	1
77) Pyrene	12.85	202	122975	6.39	ng		97
79) Butylbenzylphthalate	13.45	149	558	0.06	ng	#	19
80) Benzo(a)anthracene	14.03	228	39513	2.59	ng	#	94
81) 3,3'-Dichlorobenzidine	13.99	252	189	0.03	ng	#	1
82) Chrysene	14.06	228	38690	2.66	ng	#	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	1984	0.16	ng	#	69
84) Di-n-octyl phthalate	14.62	149	402	0.02	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.99	276	16000	1.38	ng		98
87) Benzo(b)fluoranthene	15.08	252	61037	3.97	ng	#	84
88) Benzo(k)fluoranthene	15.08	252	61037	4.02	ng	#	87
89) Benzo(a)pyrene	15.44	252	32956	2.34	ng	#	87
90) Dibenzo(a,h)anthracene	17.07	278	1418	0.13	ng	#	1
91) Benzo(g,h,i)perylene	17.43	276	15668	1.40	ng	#	86

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

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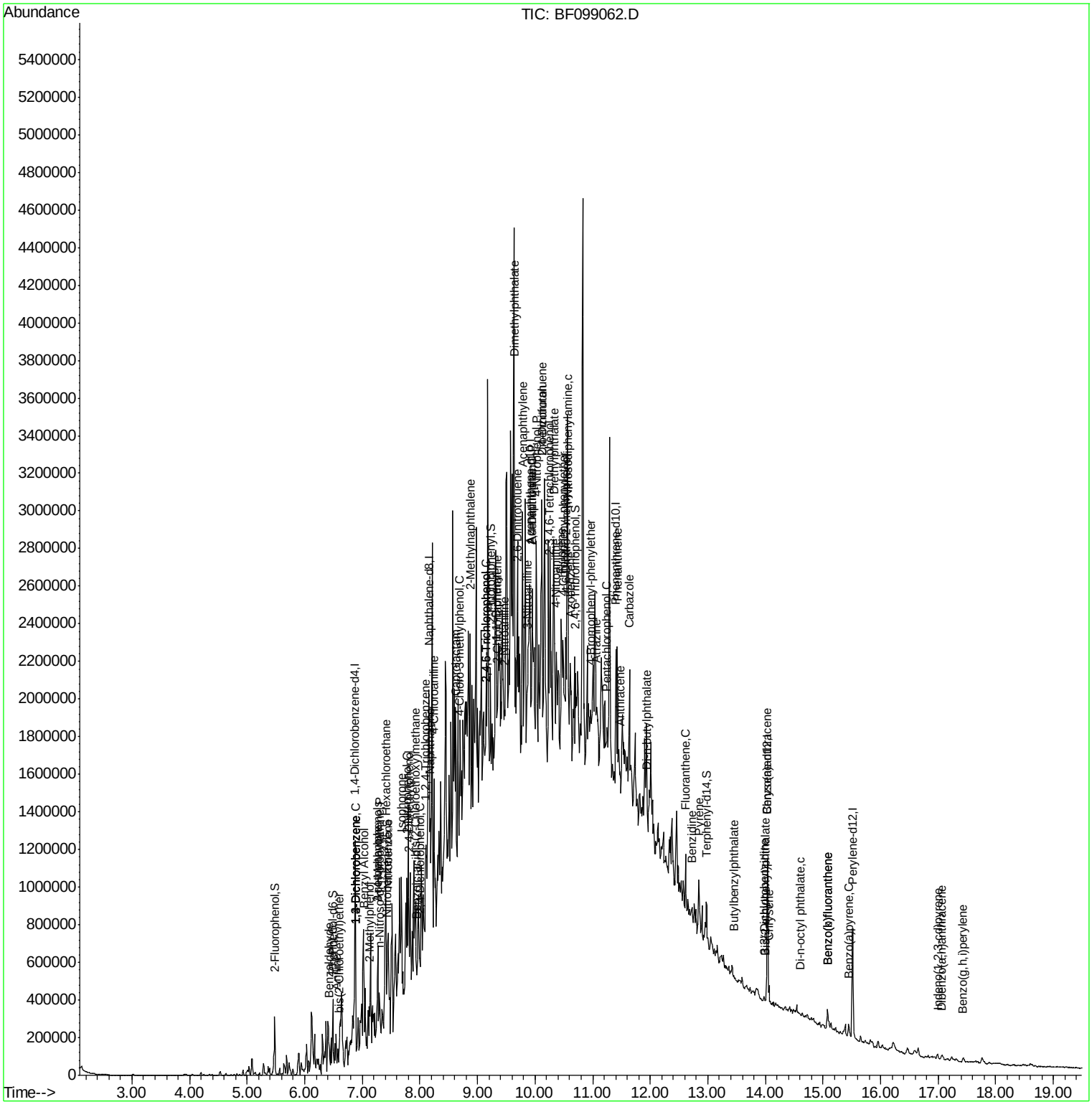
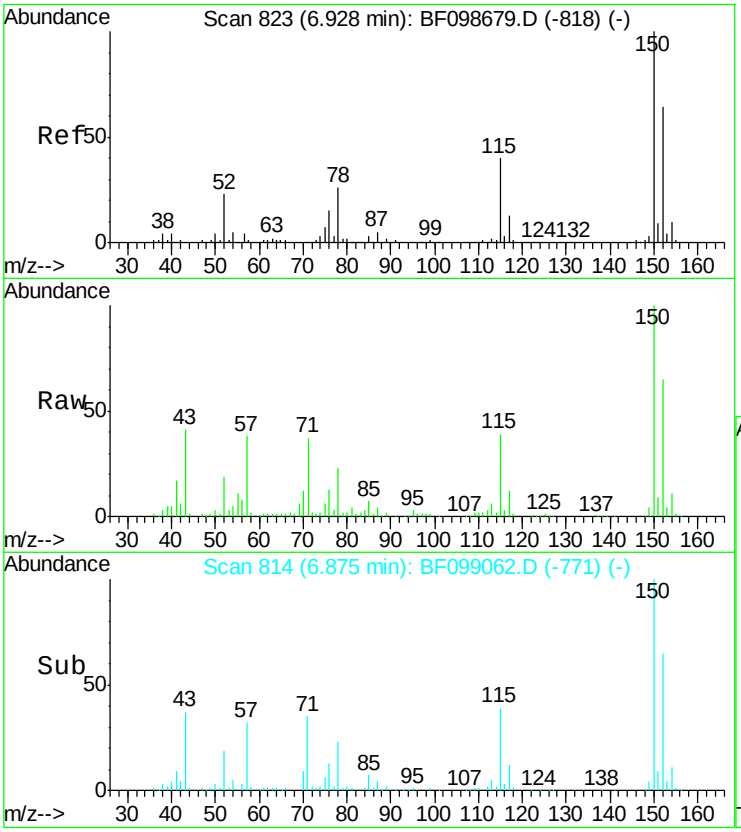


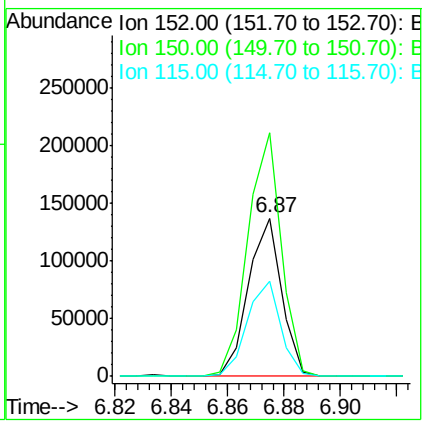


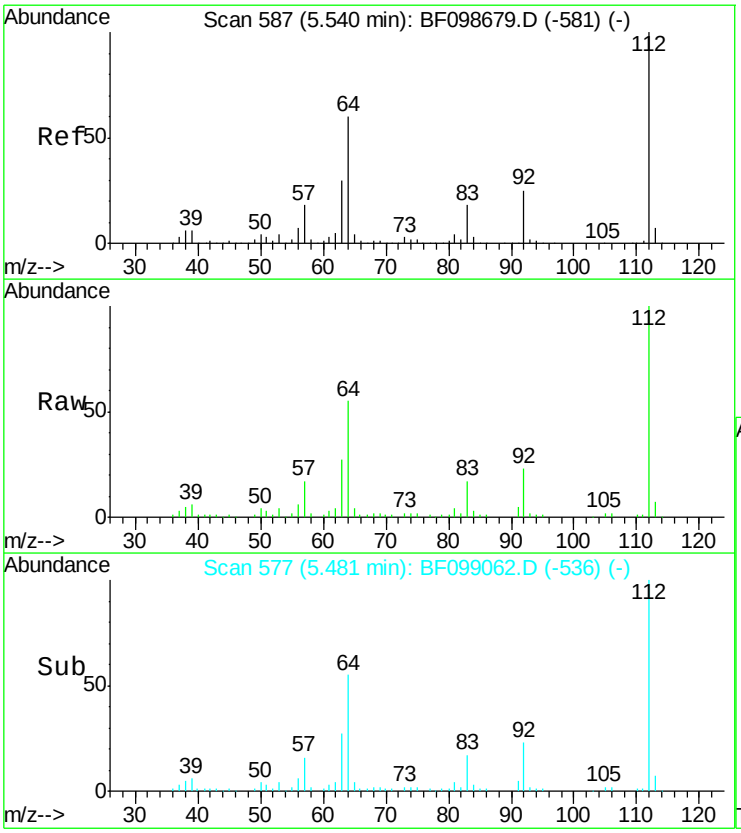
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112393

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	60.1	50.1	75.1

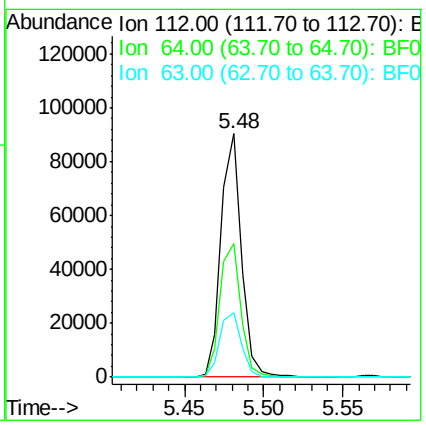


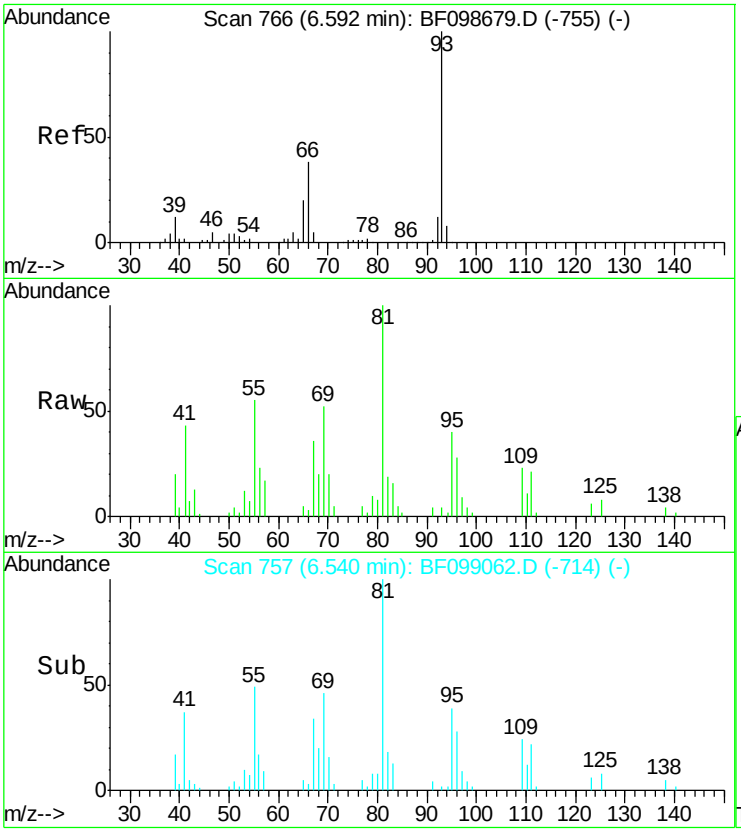


#5
2-Fluorophenol
Concen: 11.41 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:112 Resp: 80555

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.5	23.7	35.5



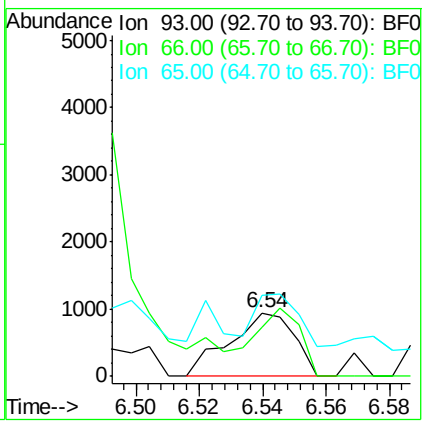


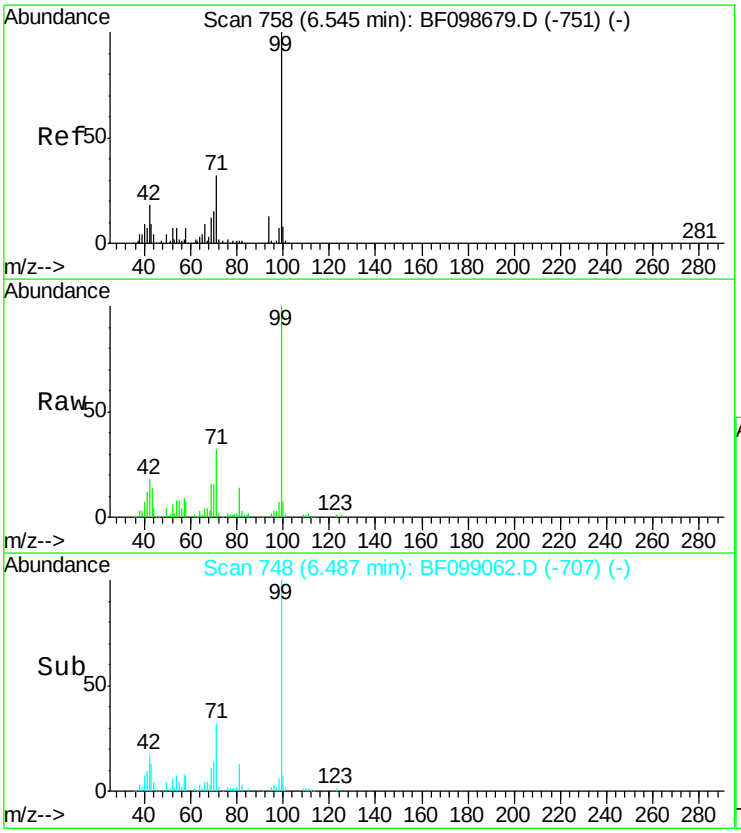
#6
Aniline
Concen: 0.11 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1328

Ion	Ratio	Lower	Upper
93	100		
66	77.2	32.2	48.2#
65	128.3	16.4	24.6#

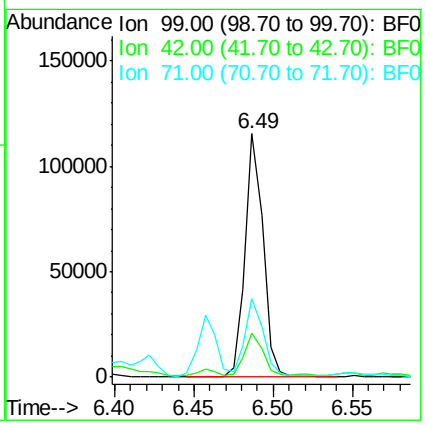


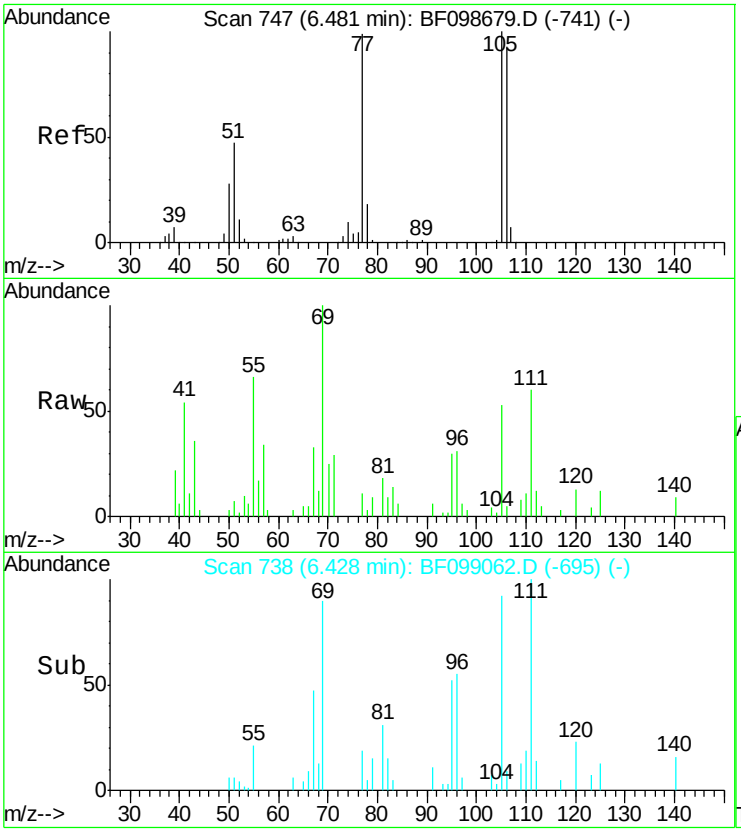


#7
Phenol-d6
Concen: 10.51 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 99 Resp: 91572

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.1	25.4	38.0



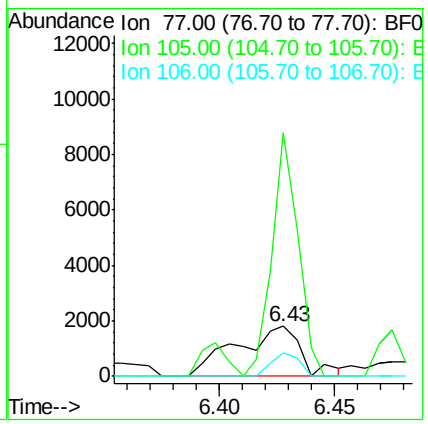


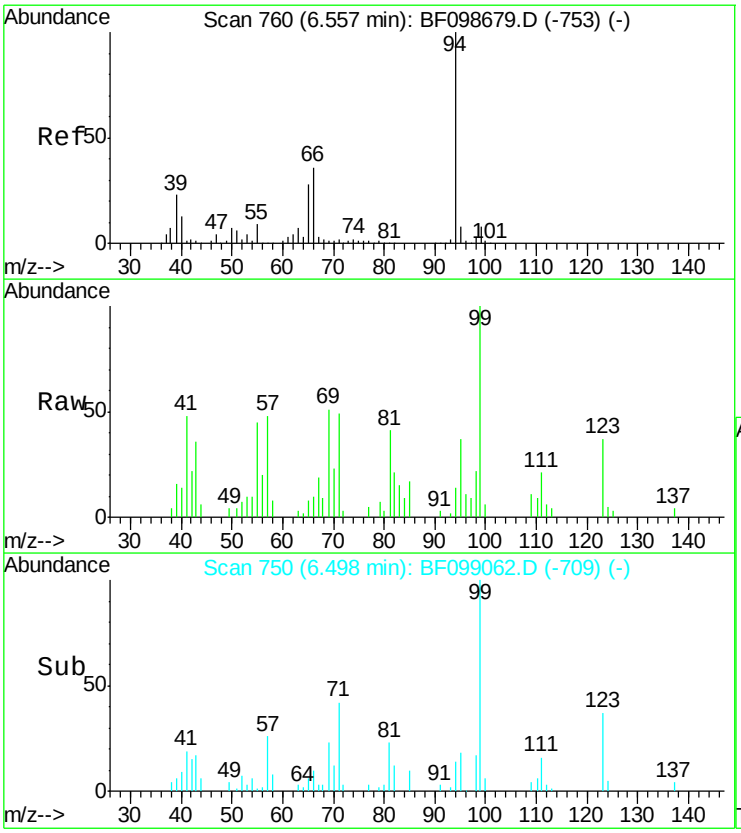
#9
Benzaldehyde
Concen: 0.71 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 3583

Ion	Ratio	Lower	Upper
77	100		
105	485.1	81.1	121.1#
106	46.2	74.5	114.5#

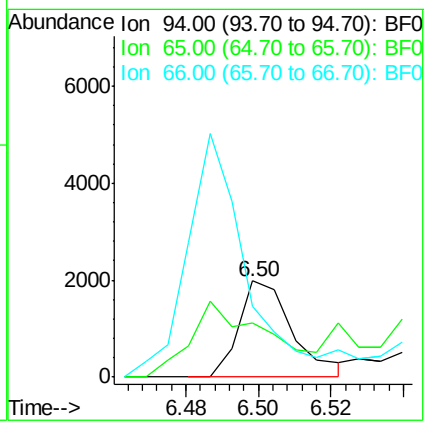


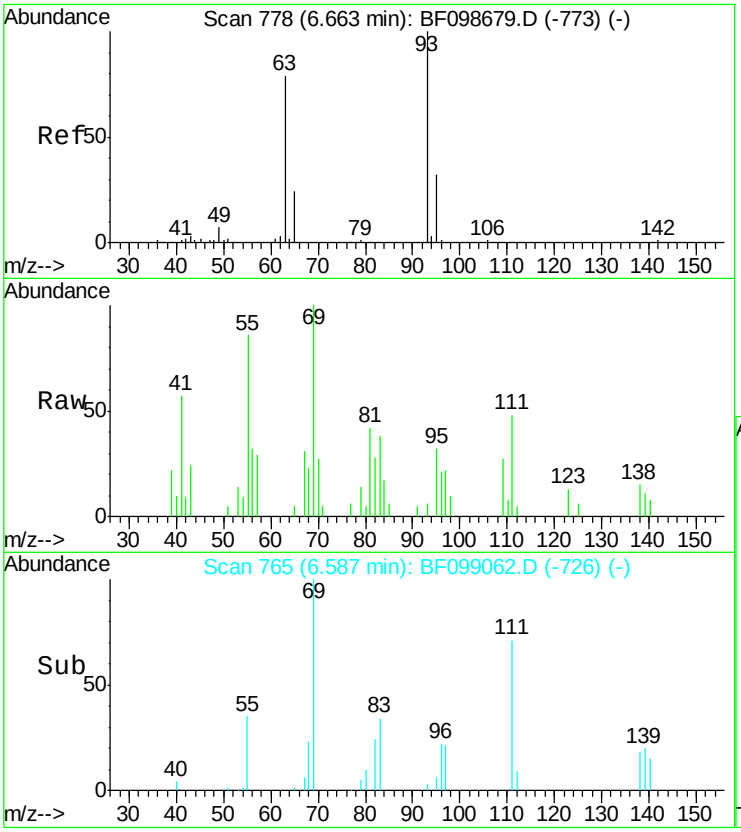


#10
Phenol
Concen: 0.21 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 94 Resp: 2037

Ion	Ratio	Lower	Upper
94	100		
65	56.9	7.9	47.9#
66	73.1	16.2	56.2#



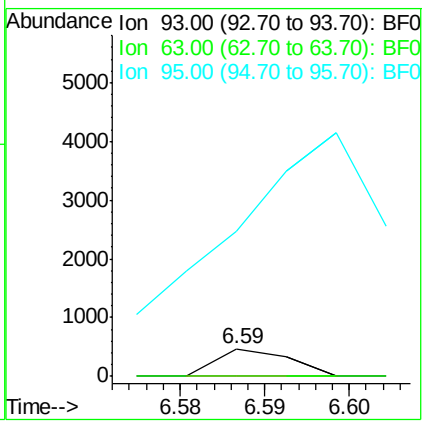


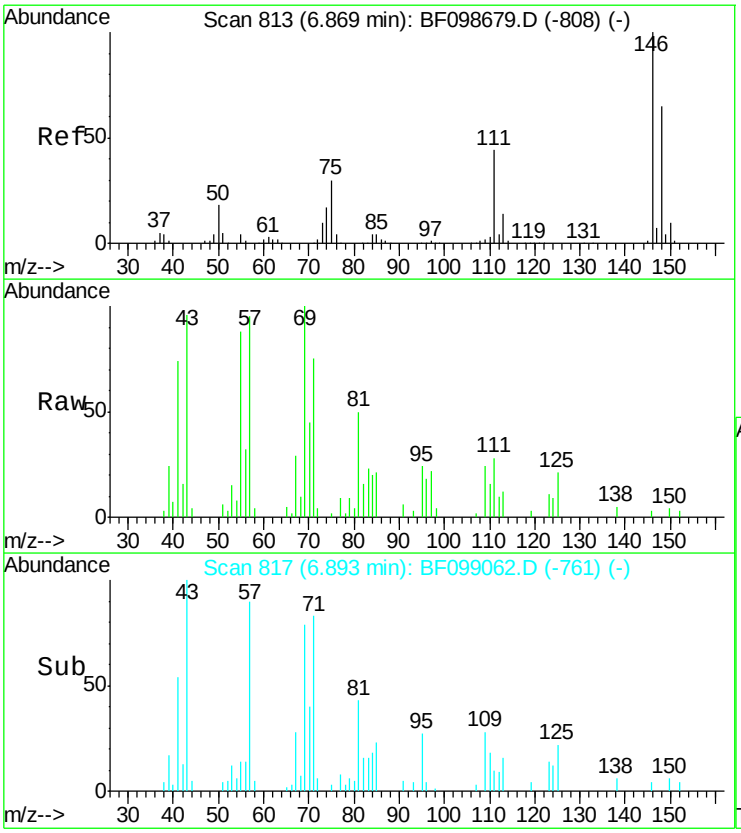
#11
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.07 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 287

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	98.6#
95	522.9	11.8	51.8#

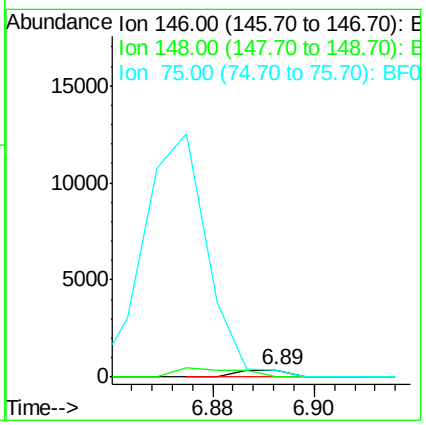


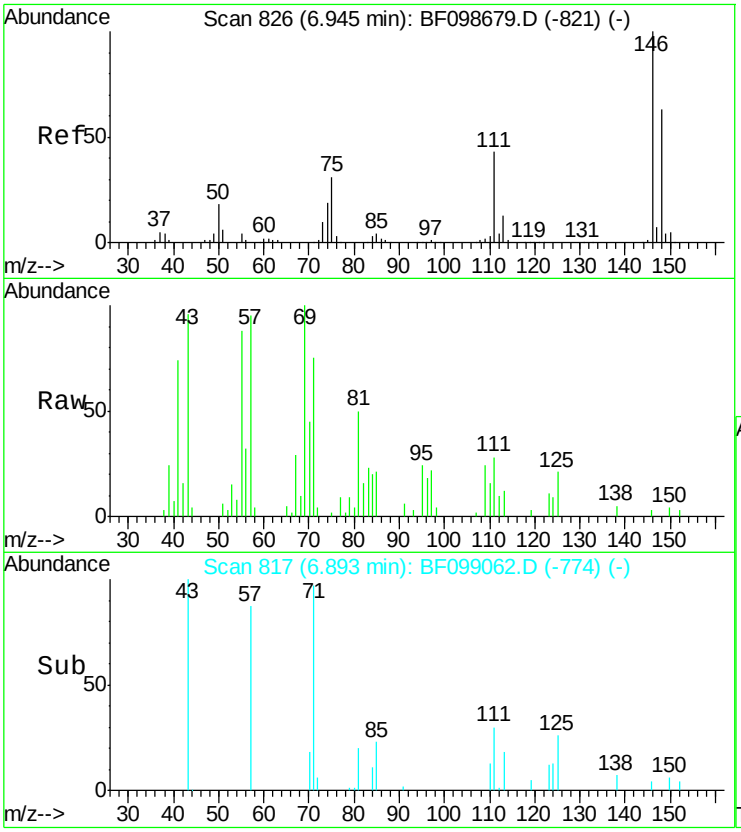


#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.03 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:146 Resp: 256

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.8	77.8#
75	83.8	24.2	36.4#



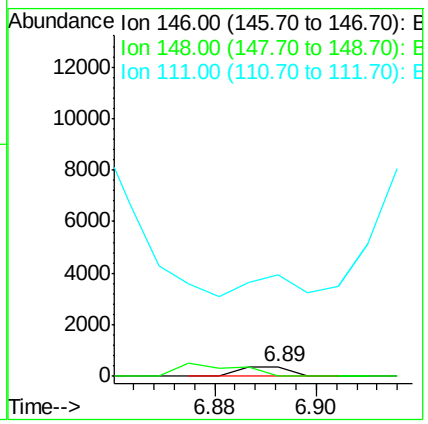


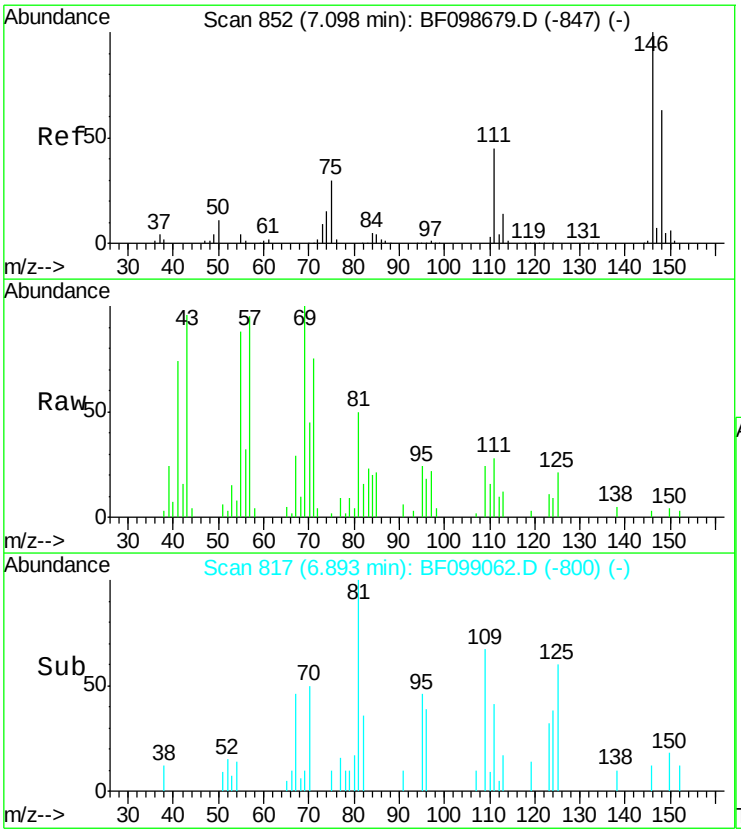
#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 256

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.8	76.2#
111	1026.2	34.2	51.2#

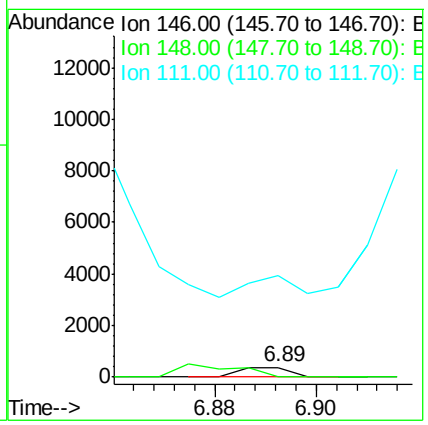


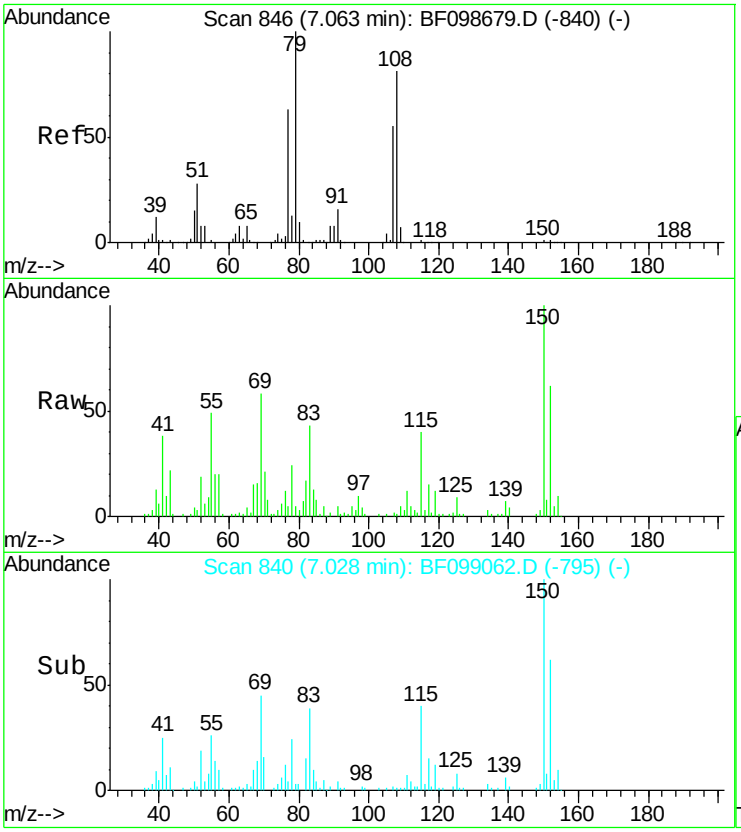


#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.20 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:146 Resp: 256

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.6	75.8#
111	1026.2	36.0	54.0#



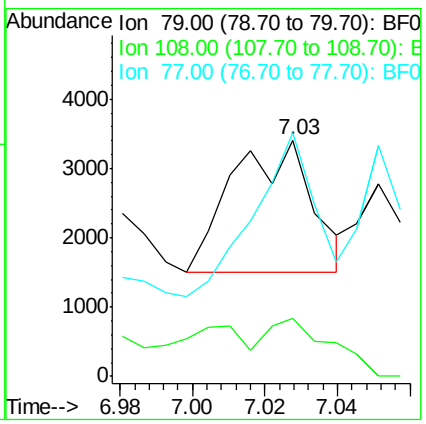


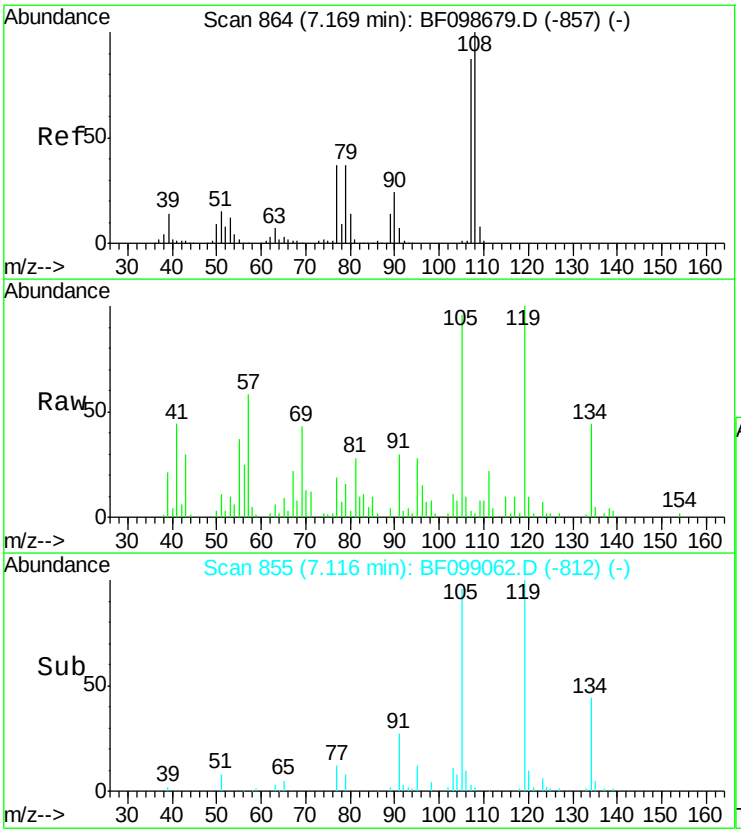
#15
Benzyl Alcohol
Concen: 0.46 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 2943

Ion	Ratio	Lower	Upper
79	100		
108	24.8	65.1	97.7#
77	103.1	50.6	75.8#

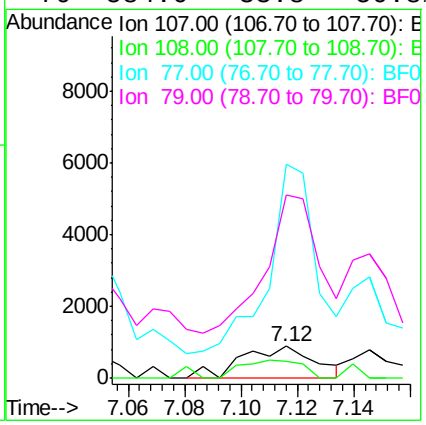


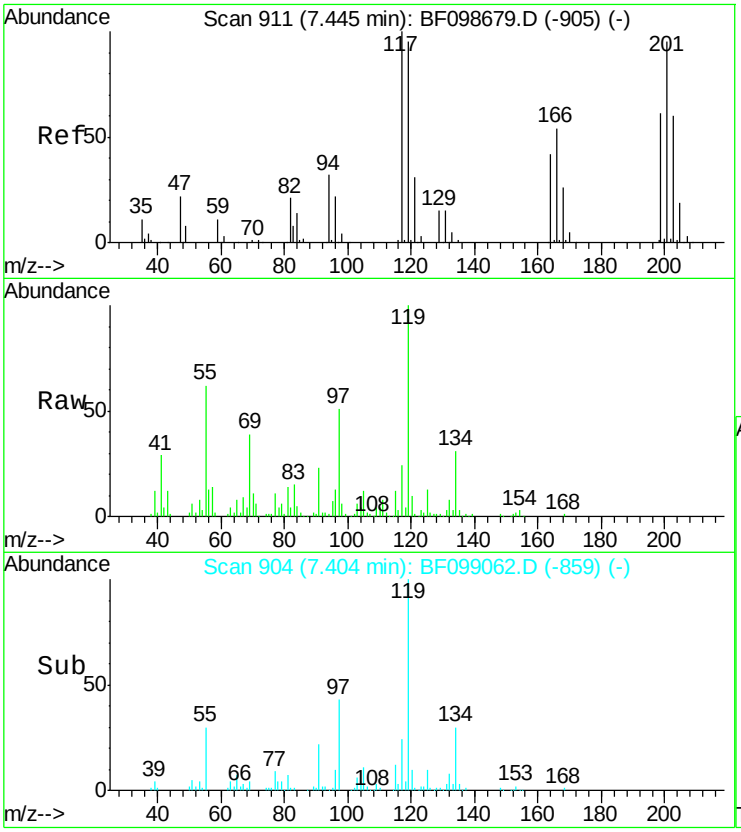


#17
2-Methylphenol
Concen: 0.24 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:107 Resp: 1566

Ion	Ratio	Lower	Upper
107	100		
108	53.3	91.7	137.5#
77	680.3	33.8	50.8#
79	584.0	33.8	50.8#



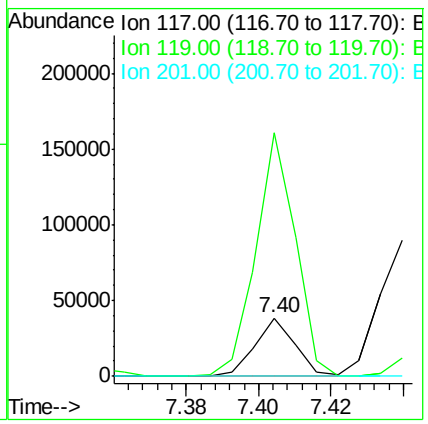


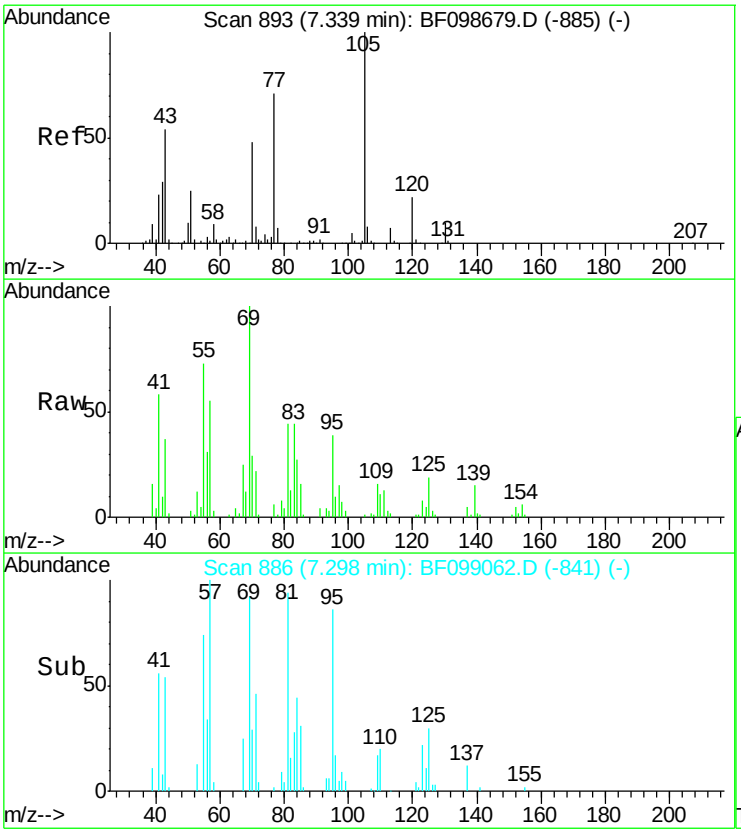
#18
Hexachloroethane
Concen: 9.85 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 30165

Ion	Ratio	Lower	Upper
117	100		
119	417.7	75.8	113.8#
201	0.0	75.7	113.5#

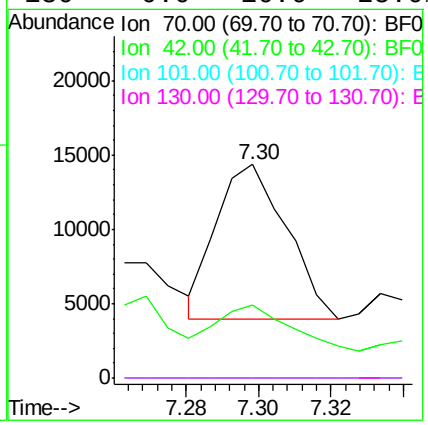


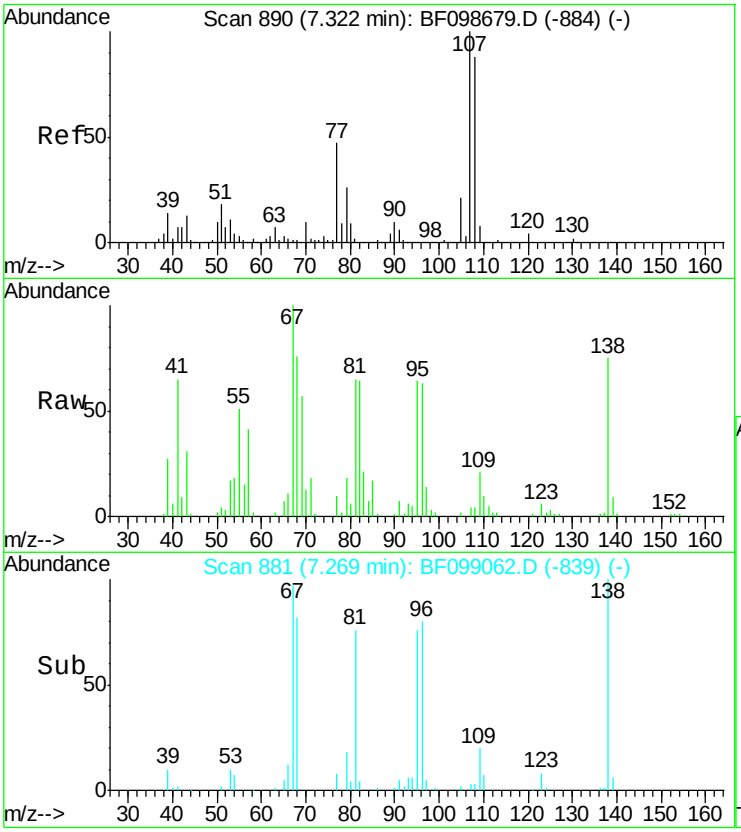


#19
n-Nitroso-di-n-propylamine
Concen: 2.49 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 70 Resp: 13872

Ion	Ratio	Lower	Upper
70	100		
42	34.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



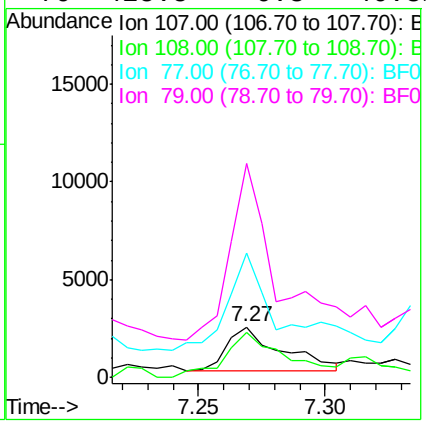


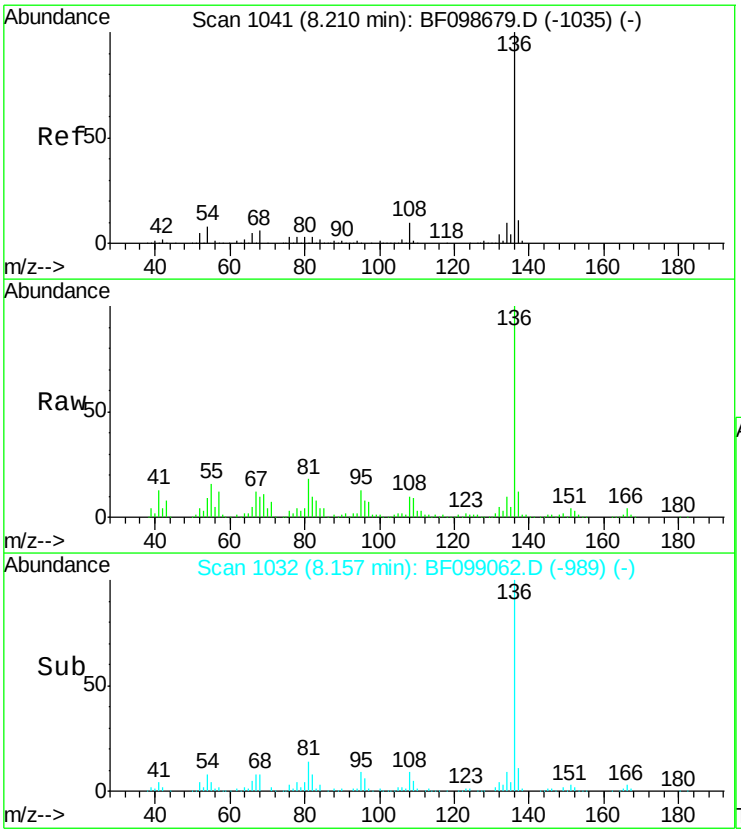
#20
3+4-Methylphenols
Concen: 0.39 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 3254

Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	246.7	26.7	66.7#
79	425.5	6.3	46.3#

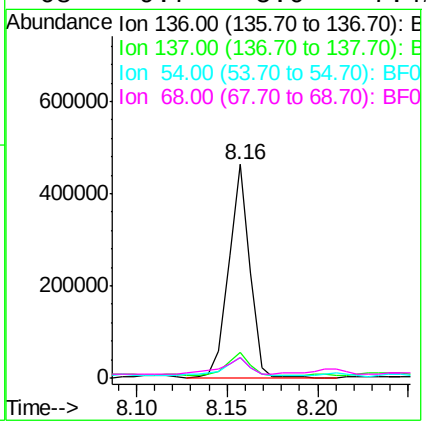


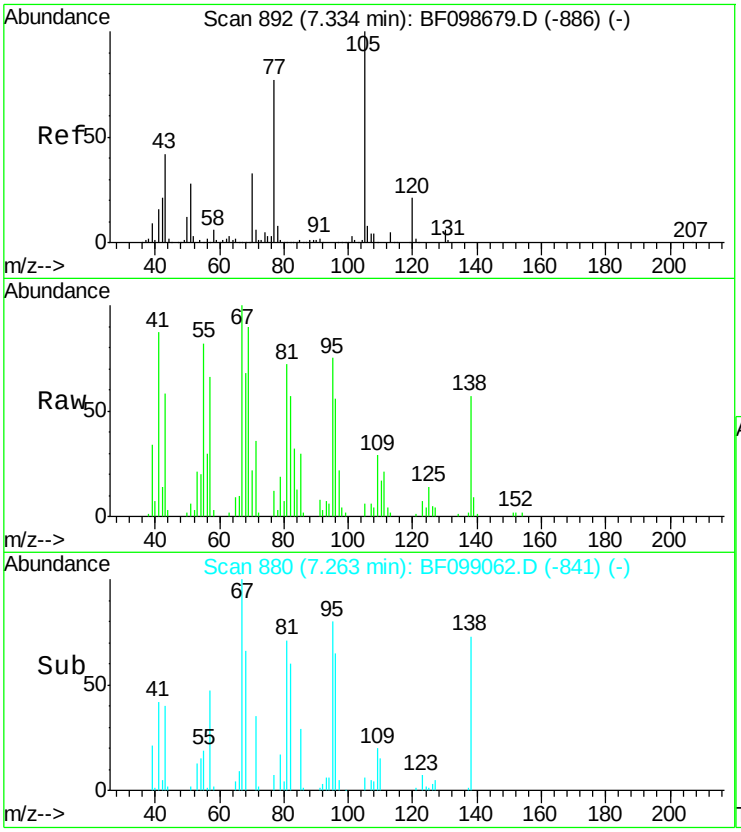


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:136 Resp: 369134

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.3	6.6	9.8
68	9.7	5.0	7.4#



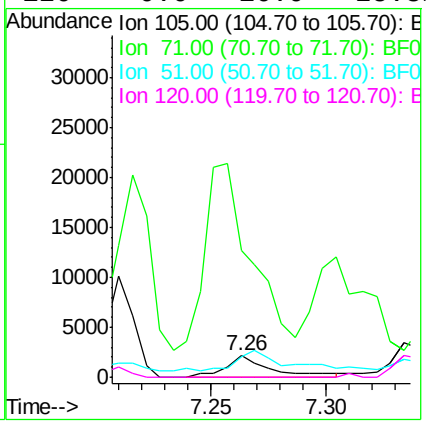


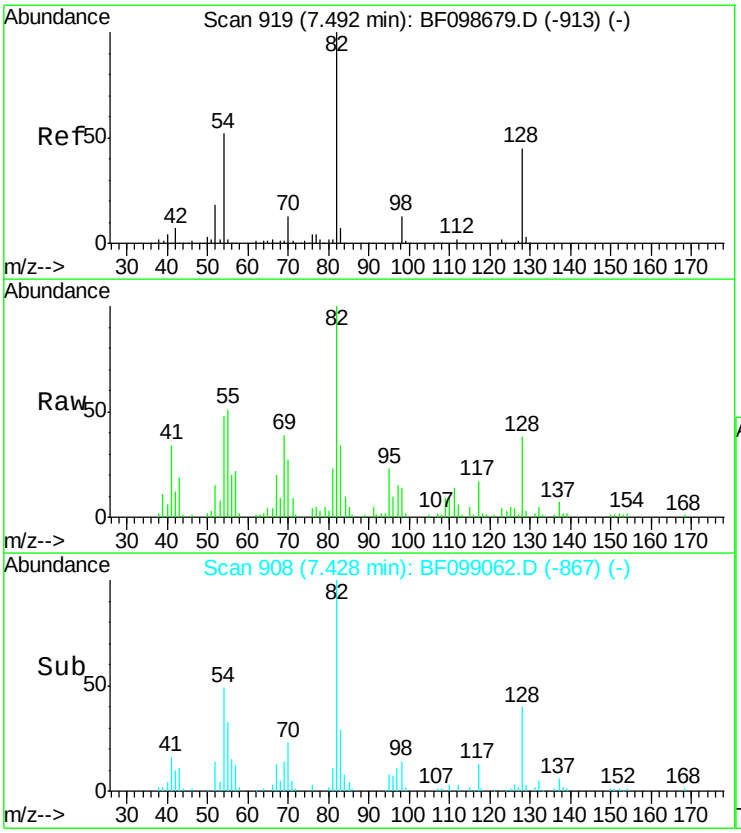
#22
Acetophenone
Concen: 0.33 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.07 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 2919

Ion	Ratio	Lower	Upper
105	100		
71	585.6	4.4	6.6#
51	92.5	22.3	33.5#
120	0.0	16.9	25.3#

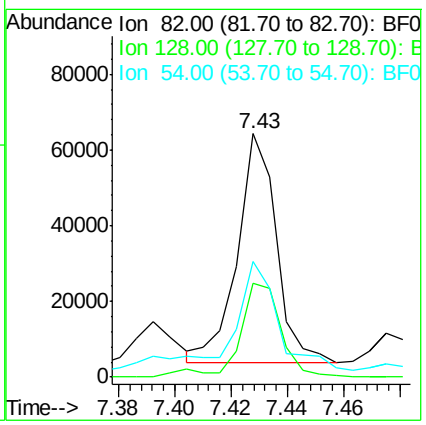


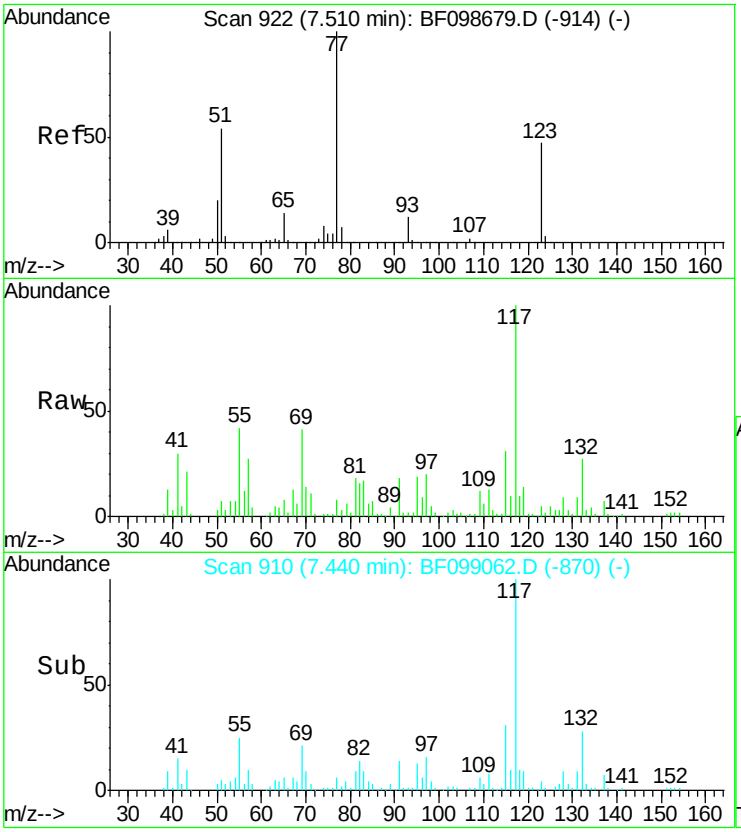


#23
Nitrobenzene-d5
Concen: 10.12 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 82 Resp: 58237

Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.1	54.1
54	47.7	41.4	62.2



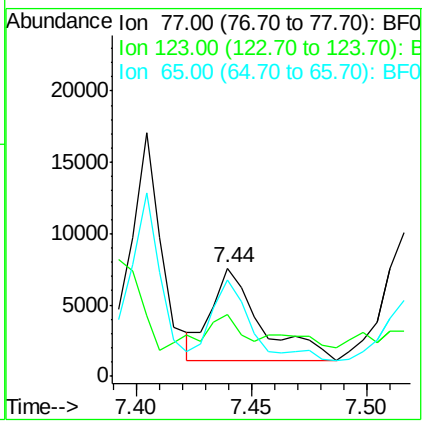


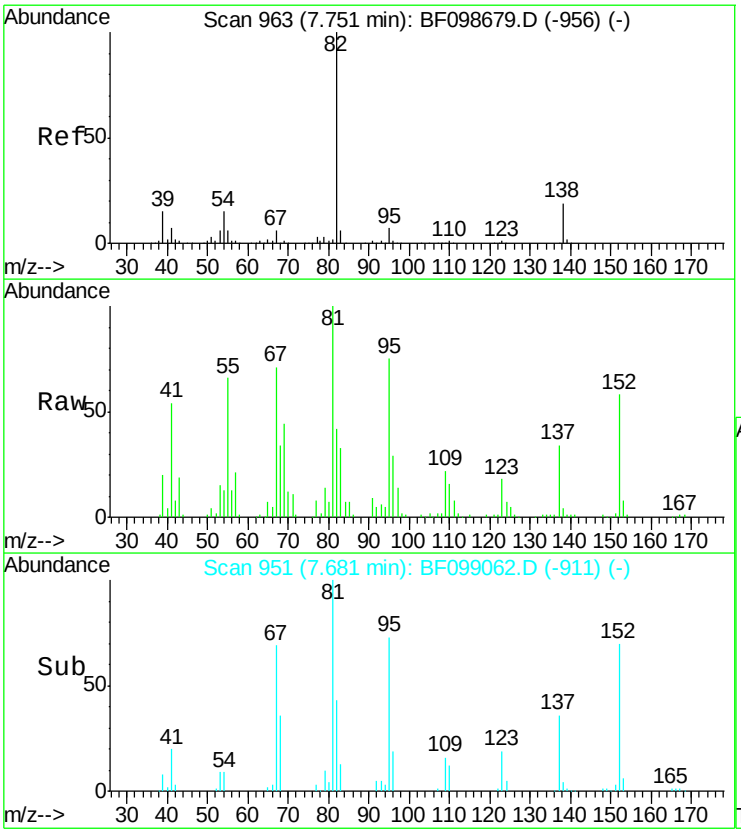
#24
Nitrobenzene
Concen: 1.46 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 9563

Ion	Ratio	Lower	Upper
77	100		
123	57.1	37.9	56.9#
65	88.9	11.0	16.4#

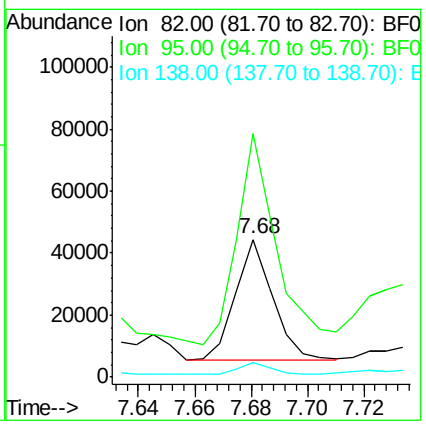


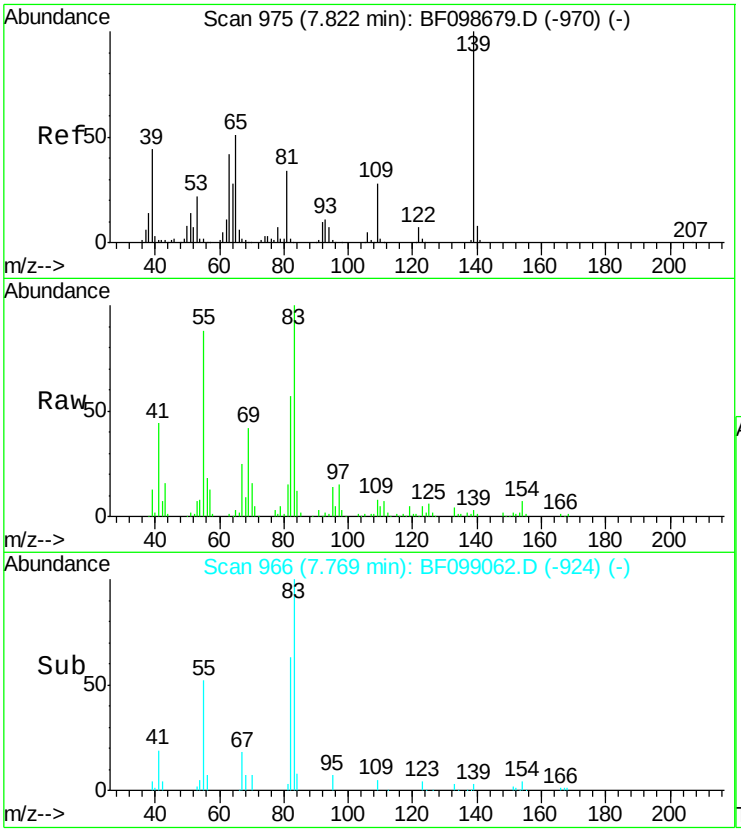


#25
Isophorone
Concen: 3.00 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 82 Resp: 35666

Ion	Ratio	Lower	Upper
82	100		
95	177.1	5.2	7.8#
138	10.2	14.9	22.3#



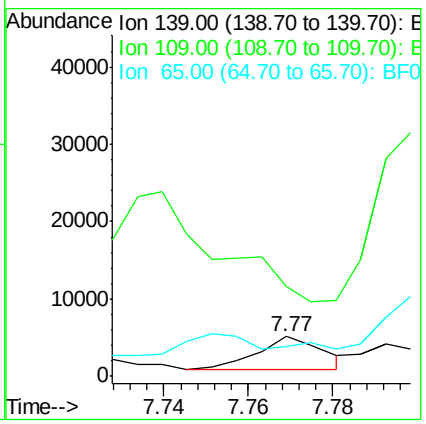


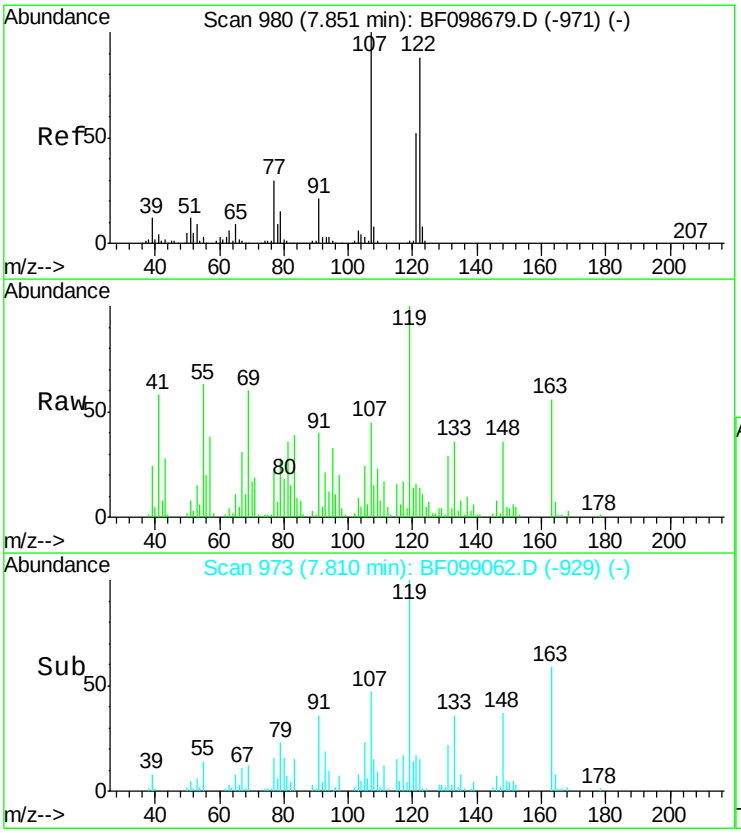
#26
2-Nitrophenol
Concen: 1.39 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4378

Ion	Ratio	Lower	Upper
139	100		
109	228.8	22.7	34.1#
65	75.0	40.5	60.7#

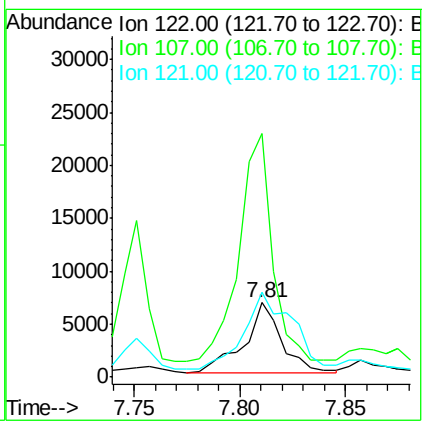


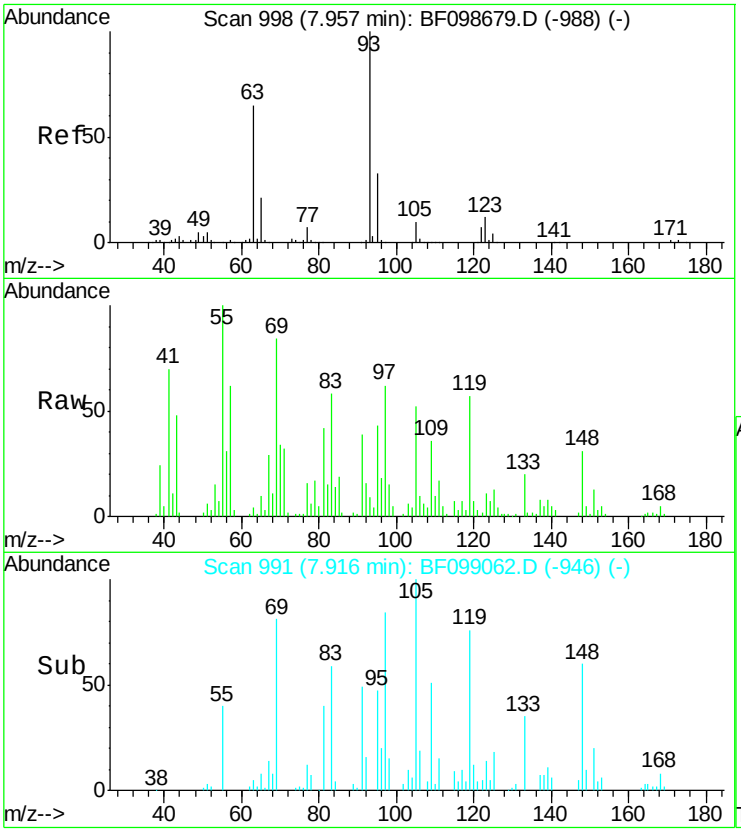


#27
2,4-Dimethylphenol
Concen: 1.42 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:122 Resp: 8401

Ion	Ratio	Lower	Upper
122	100		
107	328.2	91.2	136.8#
121	113.7	47.2	70.8#



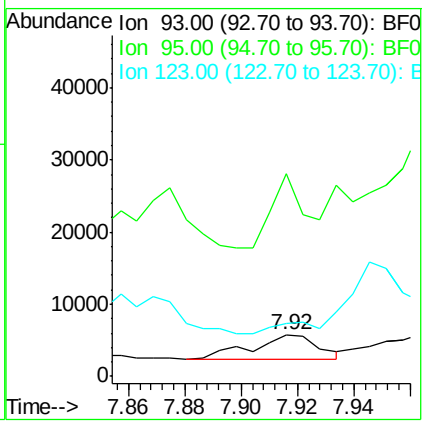


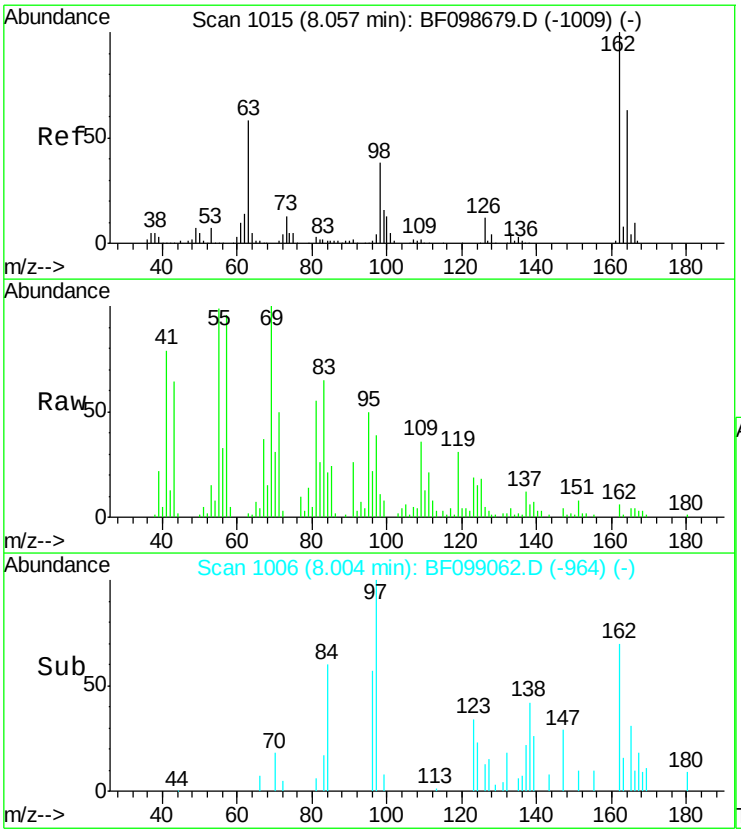
#28
bis(2-Chloroethoxy)methane
Concen: 0.72 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 5366

Ion	Ratio	Lower	Upper
93	100		
95	483.3	26.3	39.5#
123	126.5	9.8	14.6#

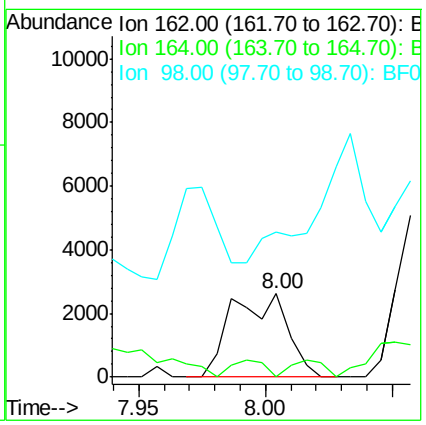


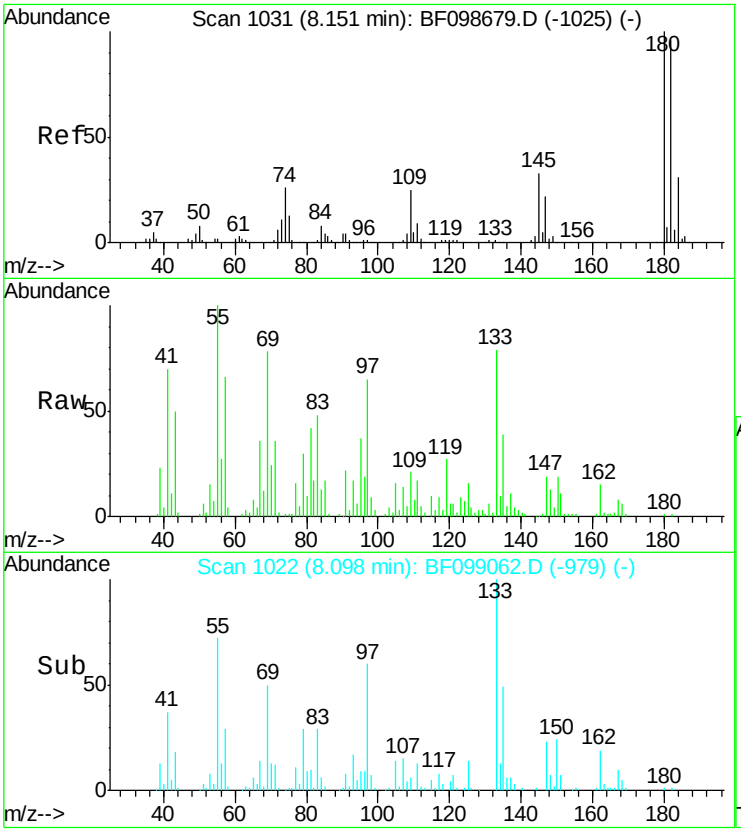


#29
2,4-Dichlorophenol
Concen: 0.79 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:162 Resp: 4030

Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.7	82.7#
98	174.3	18.1	58.1#



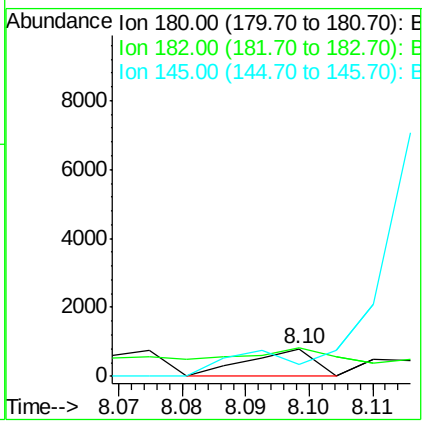


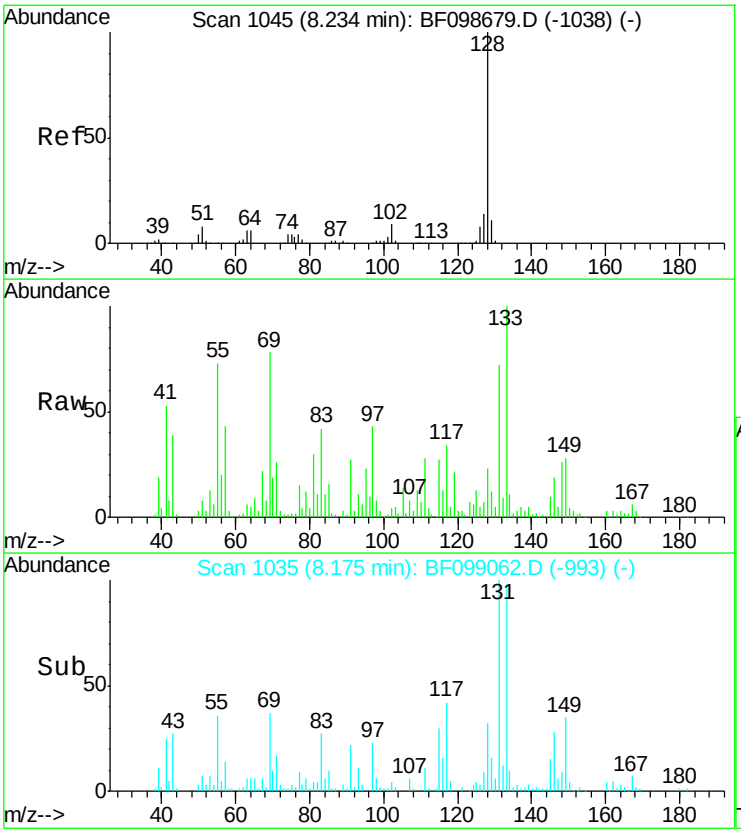
#30
1,2,4-Trichlorobenzene
Concen: 0.11 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 582

Ion	Ratio	Lower	Upper
180	100		
182	104.4	76.8	115.2
145	44.5	26.5	39.7#

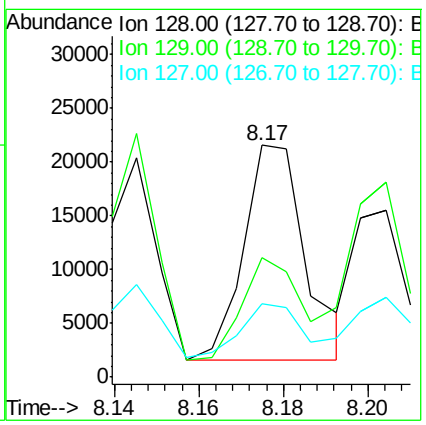


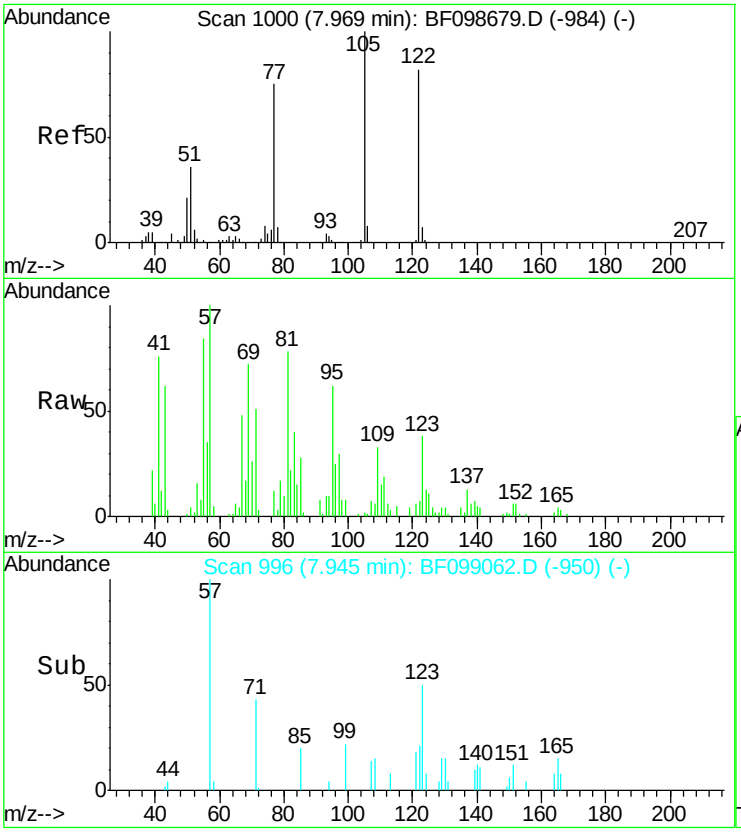


#31
Naphthalene
Concen: 1.18 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:128 Resp: 20457

Ion	Ratio	Lower	Upper
128	100		
129	51.7	8.8	13.2#
127	31.9	10.9	16.3#



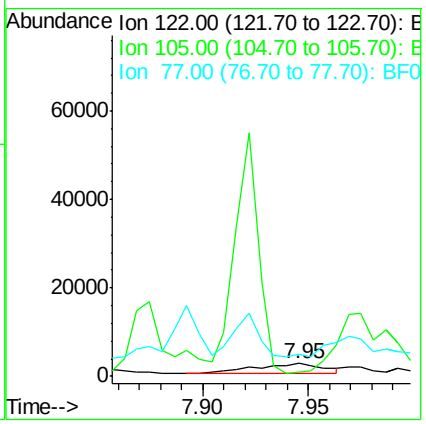


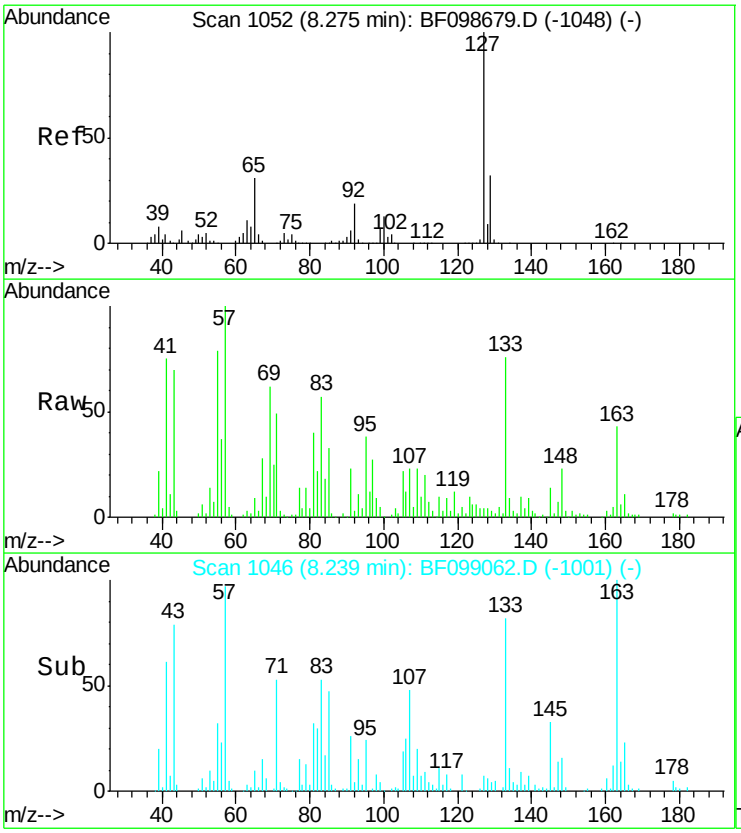
#32
Benzoic acid
Concen: 1.11 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5419

Ion	Ratio	Lower	Upper
122	100		
105	31.3	101.1	141.1#
77	172.7	70.7	110.7#

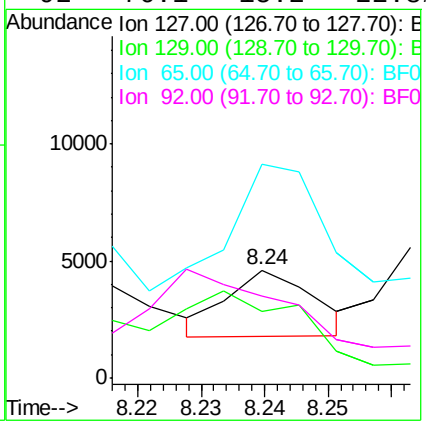


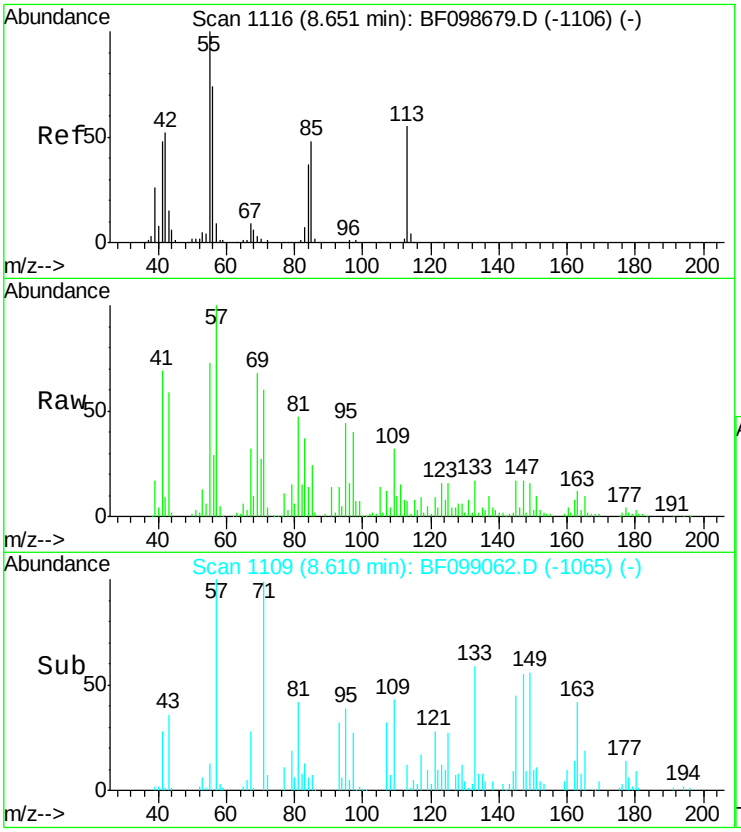


#33
4-Chloroaniline
Concen: 0.37 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:127 Resp: 2663

Ion	Ratio	Lower	Upper
127	100		
129	61.5	25.9	38.9#
65	197.5	25.0	37.4#
92	76.1	15.2	22.8#



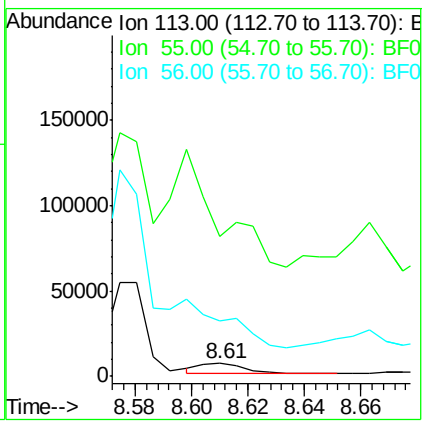


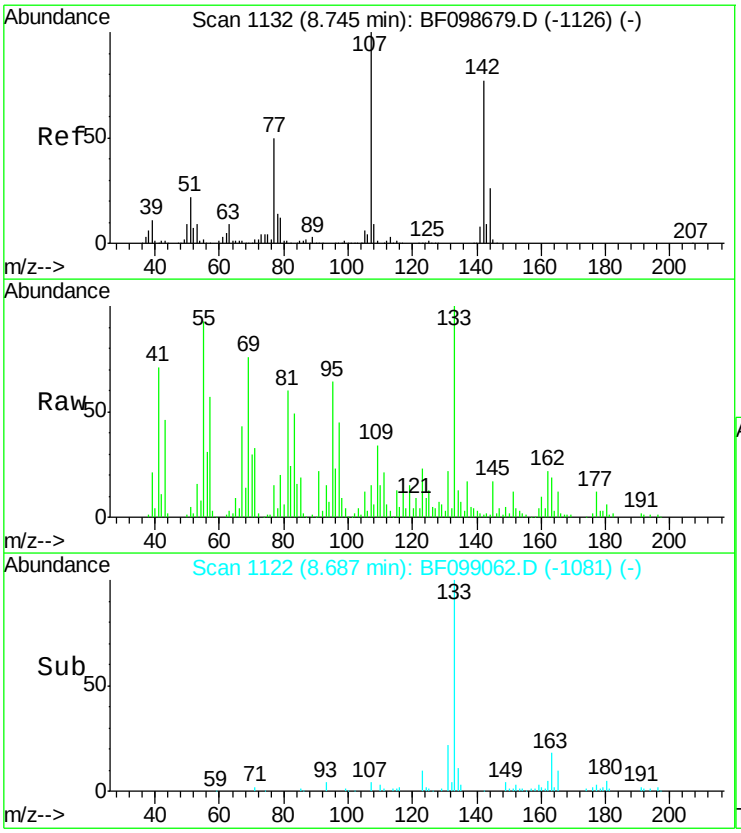
#35
Caprolactam
Concen: 3.99 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 6522

Ion	Ratio	Lower	Upper
113	100		
55	1096.3	163.3	203.3#
56	430.2	115.7	155.7#

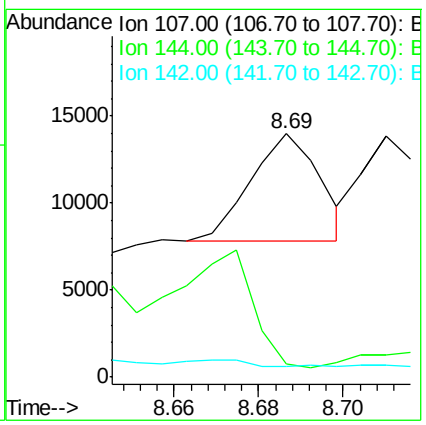


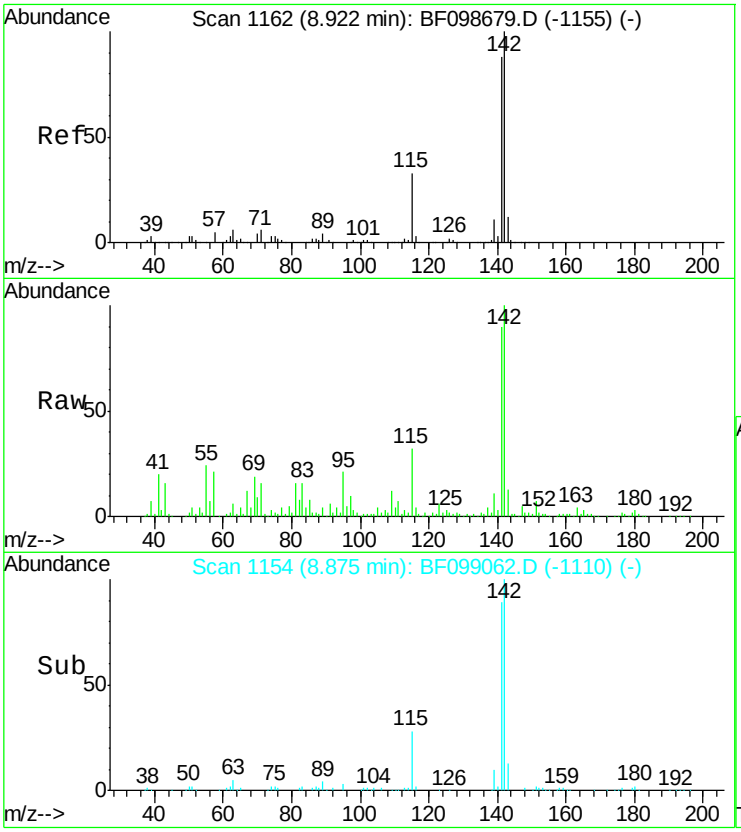


#36
4-Chloro-3-methylphenol
Concen: 1.22 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:107 Resp: 6971

Ion	Ratio	Lower	Upper
107	100		
144	5.2	20.5	30.7#
142	4.4	62.0	93.0#

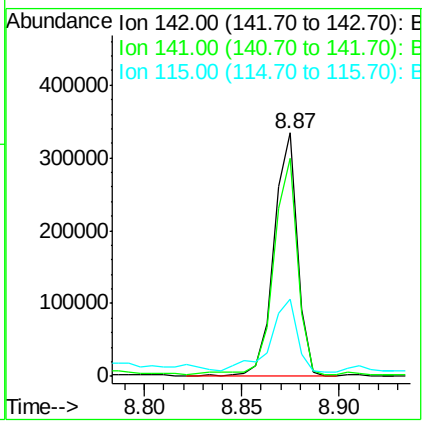




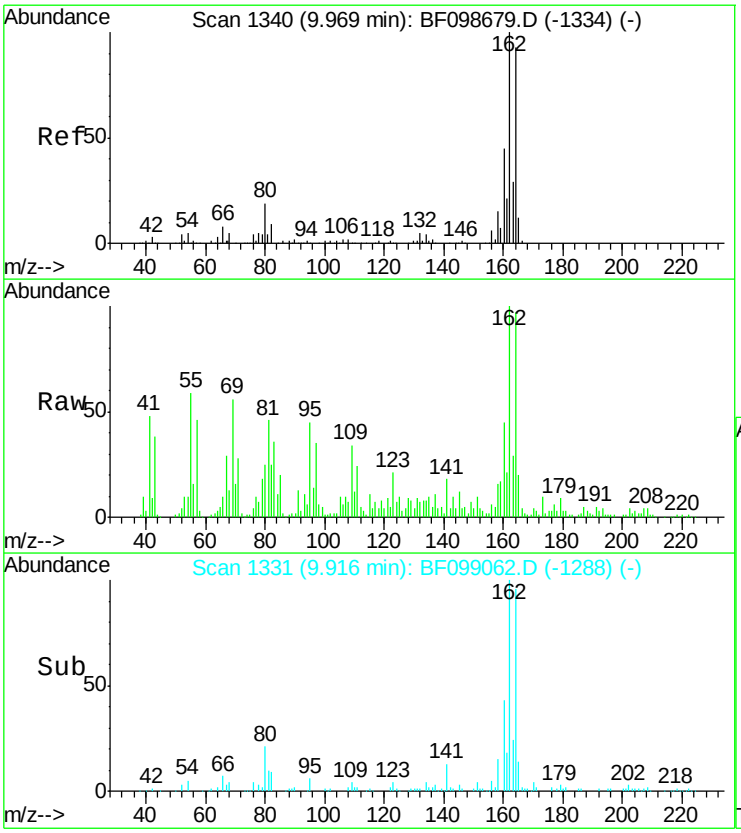
#37
2-Methylnaphthalene
Concen: 24.41 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:142 Resp: 275090

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	31.6	26.1	39.1



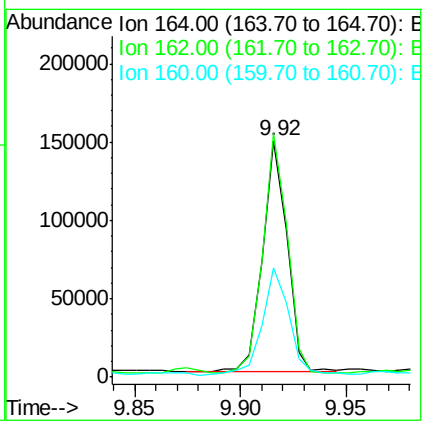
Instrument :
BNA_F
ClientSampleId :

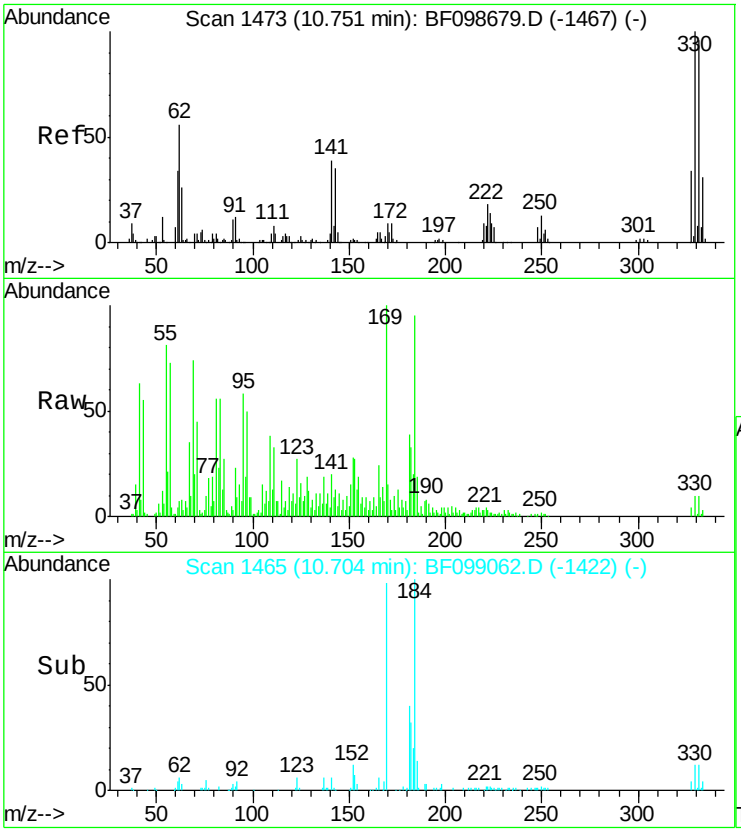


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:164 Resp: 120875

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.3	38.3	57.5



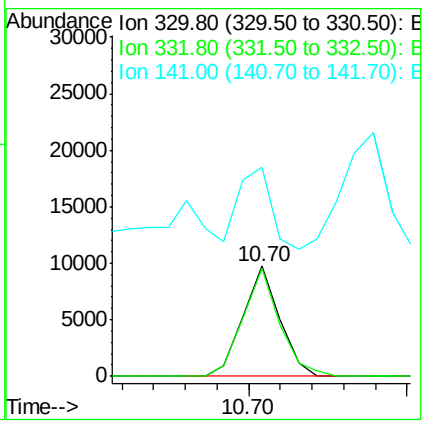


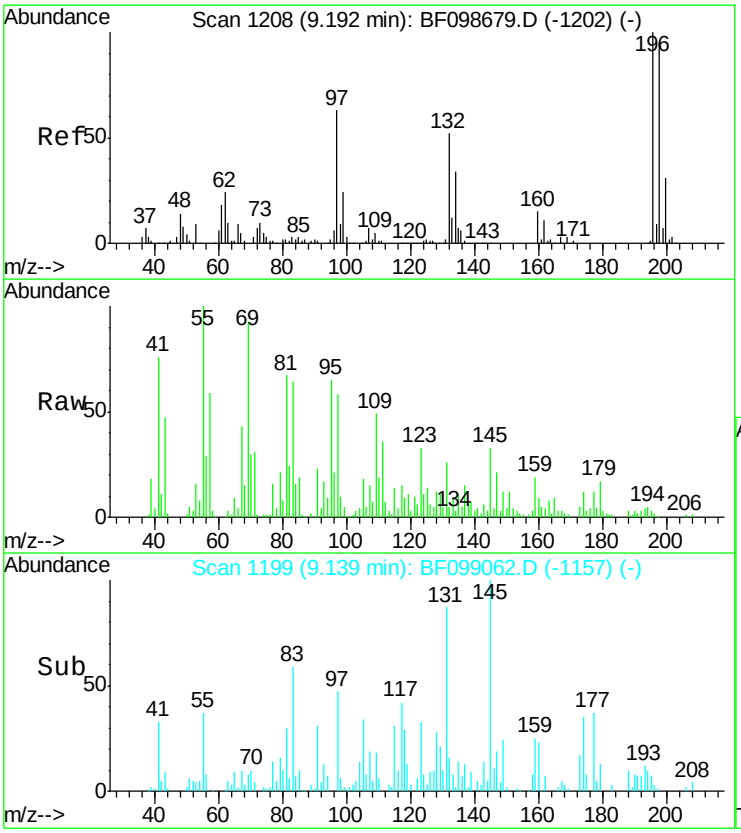
#41
2,4,6-Tribromophenol
Concen: 7.85 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 7766

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	66.2	29.9	44.9#

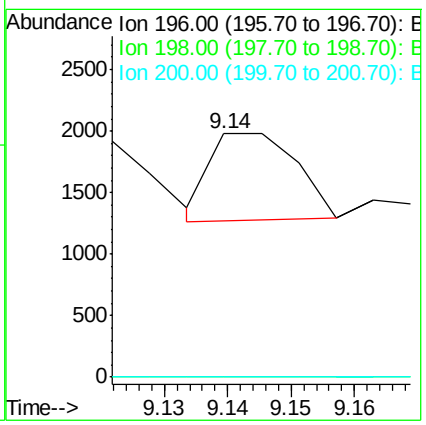


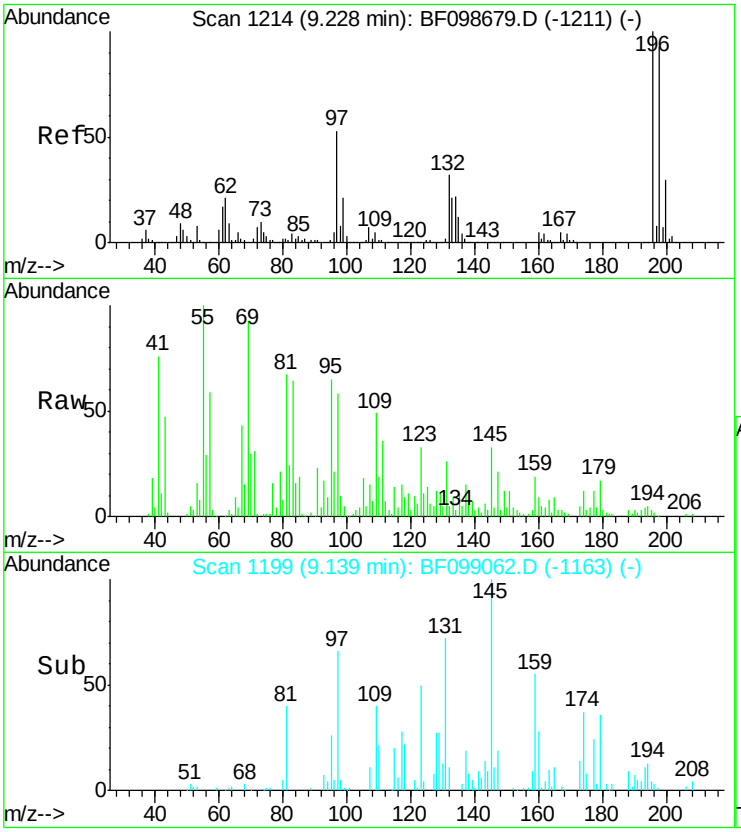


#42
2,4,6-Trichlorophenol
Concen: 0.26 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:196 Resp: 663

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



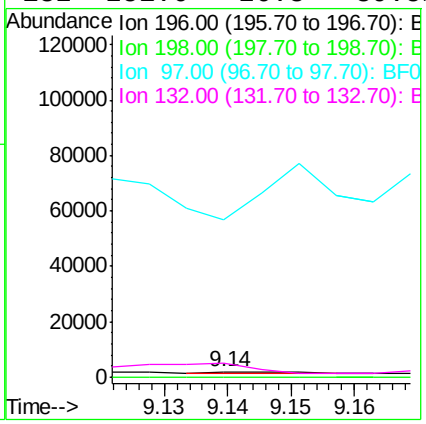


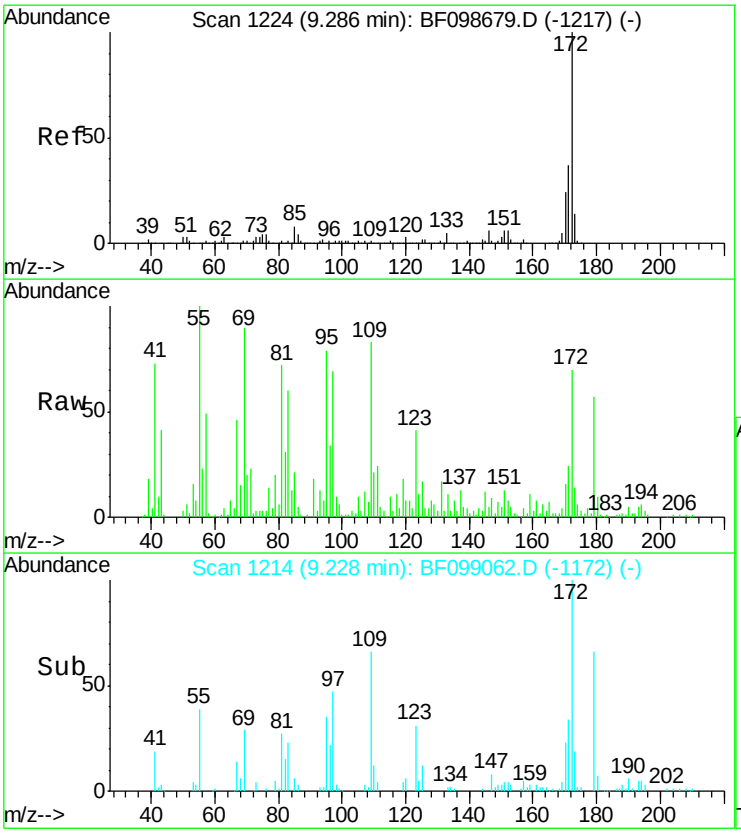
#43
2,4,5-Trichlorophenol
Concen: 0.26 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.09 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 657

Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.6	112.0#
97	2870.9	42.9	64.3#
132	251.6	26.3	39.5#

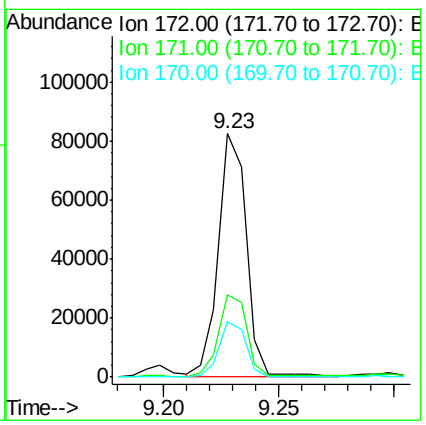


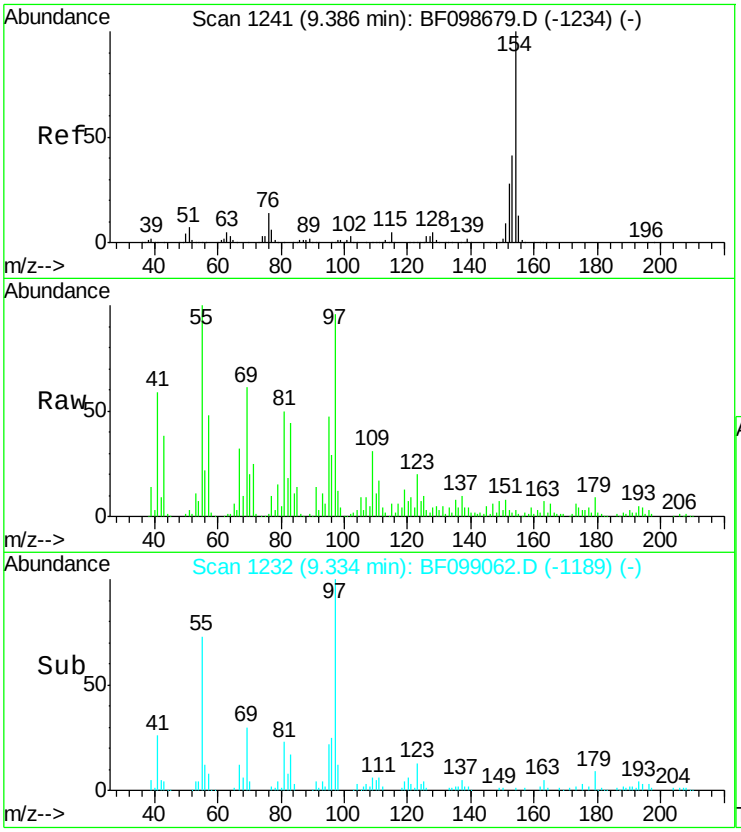


#44
2-Fluorobiphenyl
Concen: 9.51 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:172 Resp: 68869

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	22.7	19.6	29.4



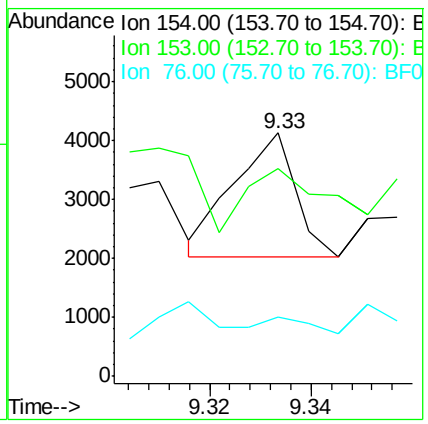


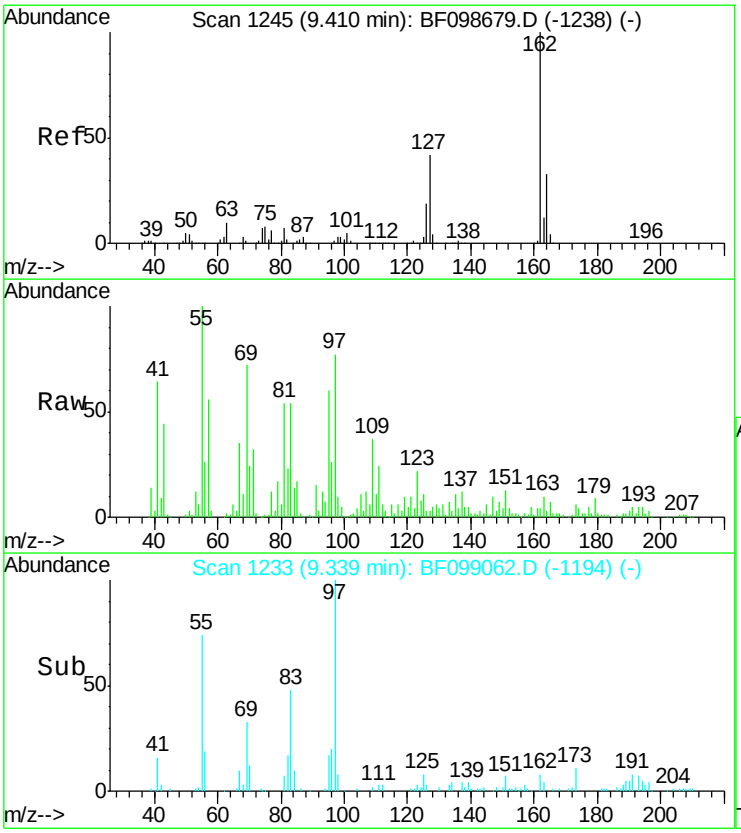
#45
1,1'-Biphenyl
Concen: 0.17 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1783

Ion	Ratio	Lower	Upper
154	100		
153	85.5	21.3	61.3#
76	24.4	0.0	34.0

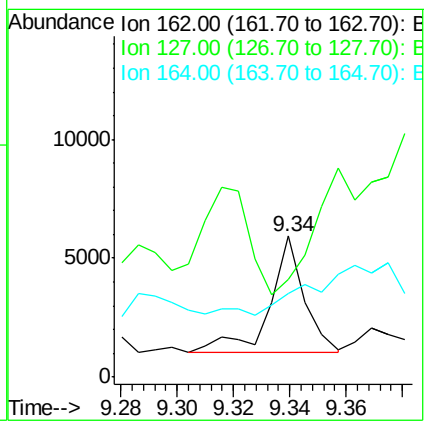


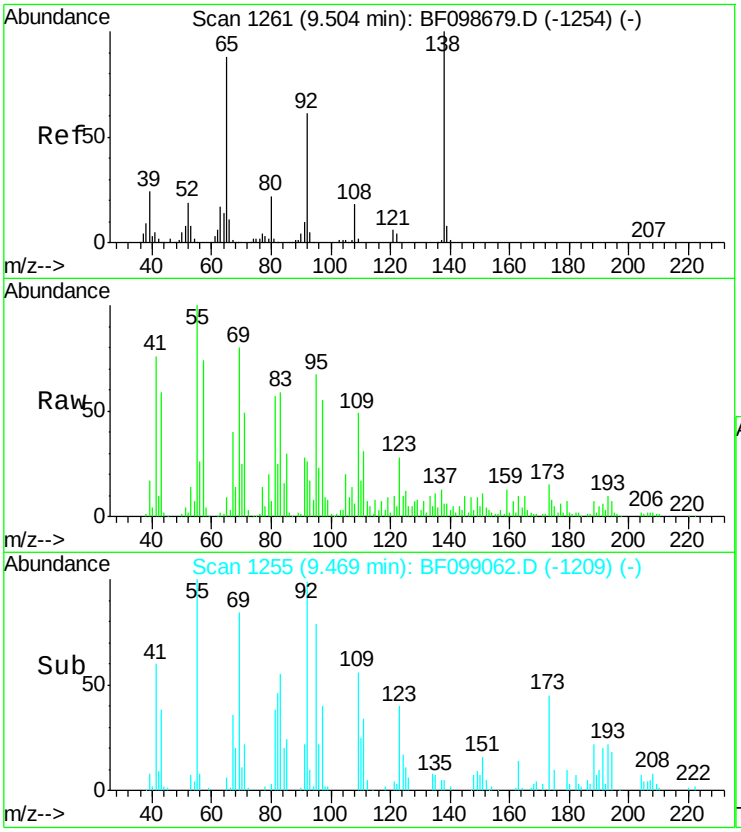


#46
2-Chloronaphthalene
Concen: 0.53 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.07 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:162 Resp: 4116

Ion	Ratio	Lower	Upper
162	100		
127	69.5	33.9	50.9#
164	59.3	26.5	39.7#



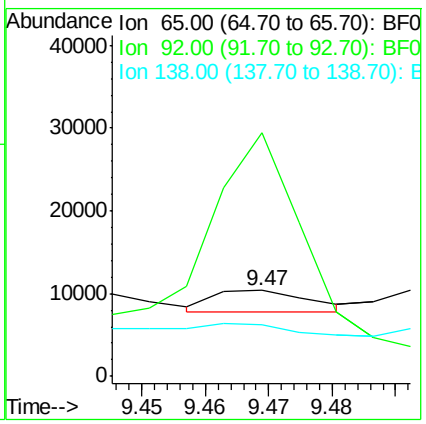


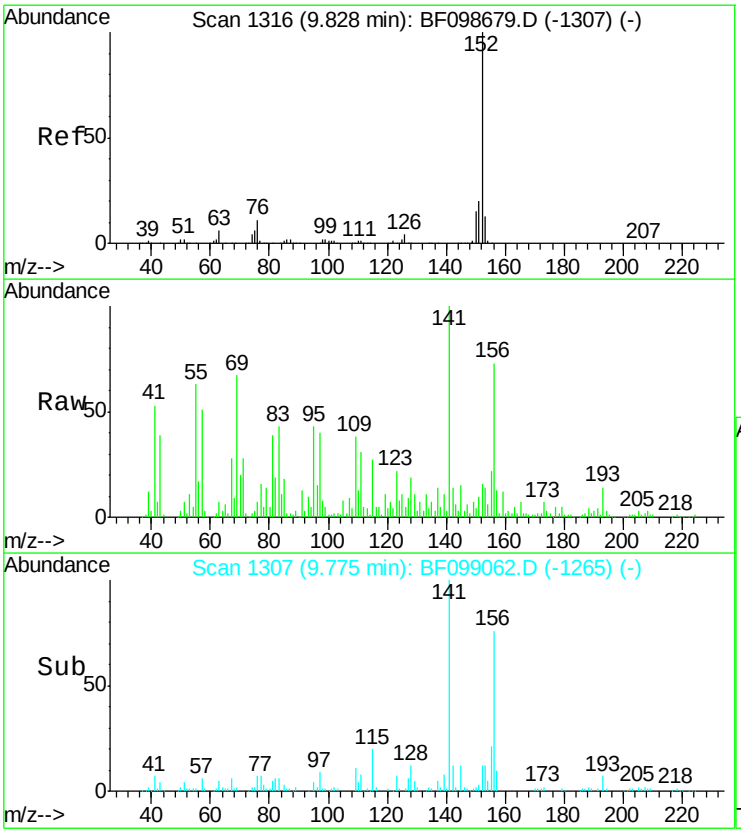
#47
2-Nitroaniline
Concen: 1.16 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2771

Ion	Ratio	Lower	Upper
65	100		
92	284.2	55.8	83.6#
138	60.8	91.2	136.8#

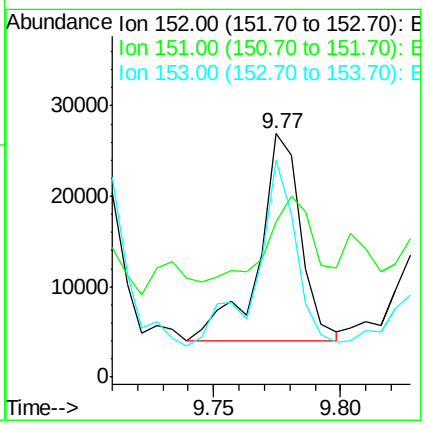


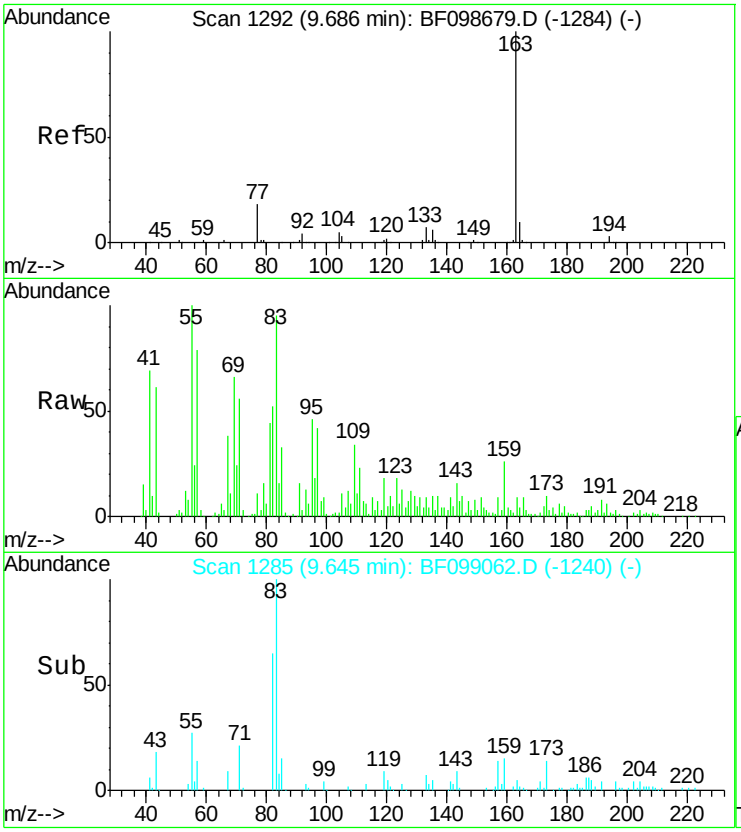


#48
Acenaphthylene
Concen: 2.23 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:152 Resp: 26605

Ion	Ratio	Lower	Upper
152	100		
151	63.6	16.3	24.5#
153	88.8	10.7	16.1#



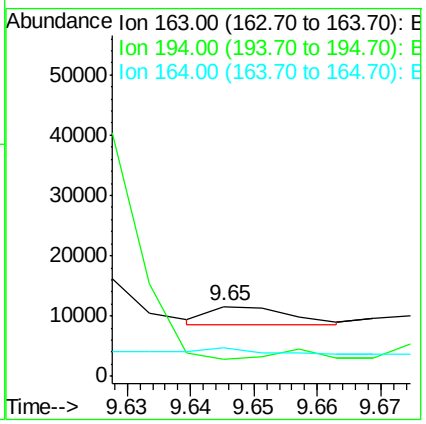


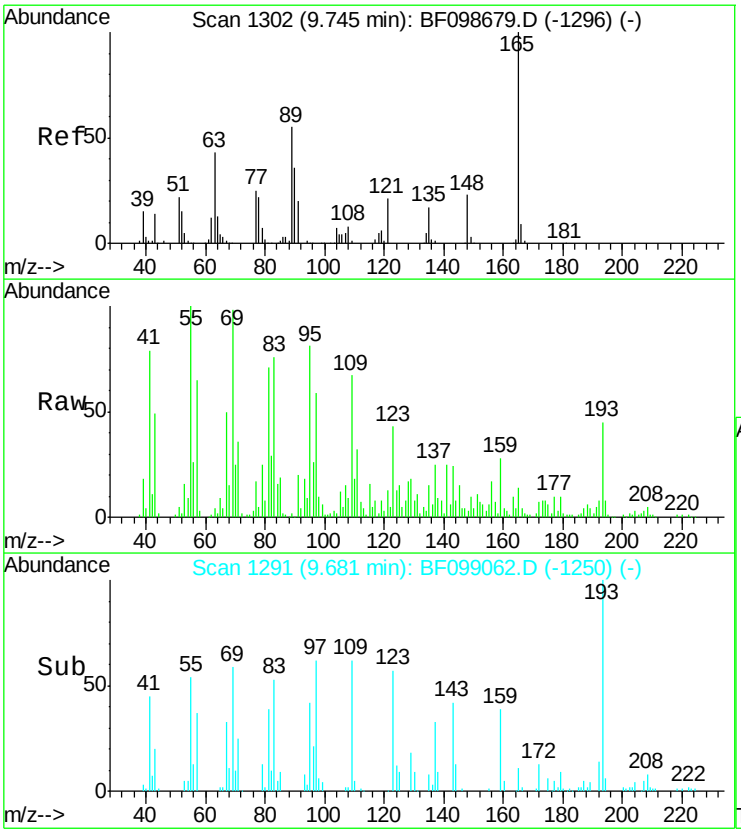
#49
Dimethylphthalate
Concen: 0.30 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 2716

Ion	Ratio	Lower	Upper
163	100		
194	23.8	2.7	4.1#
164	41.1	8.2	12.2#

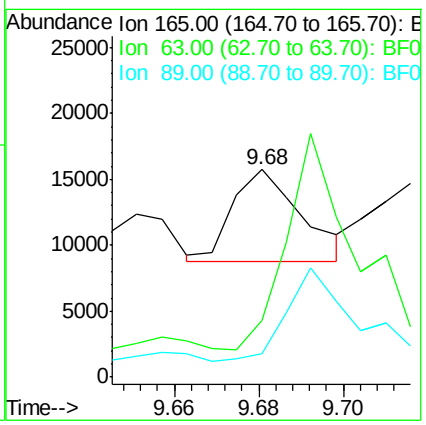


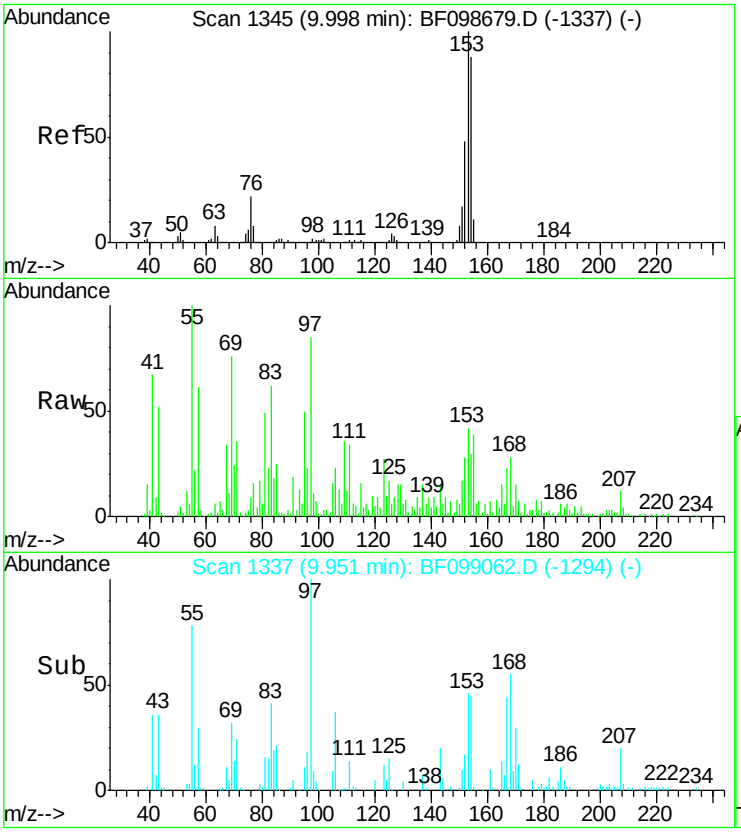


#50
2,6-Dinitrotoluene
Concen: 3.97 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:165 Resp: 7887

Ion	Ratio	Lower	Upper
165	100		
63	27.3	44.7	67.1#
89	11.6	44.0	66.0#



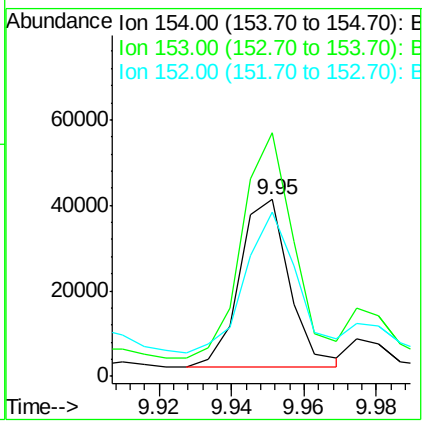


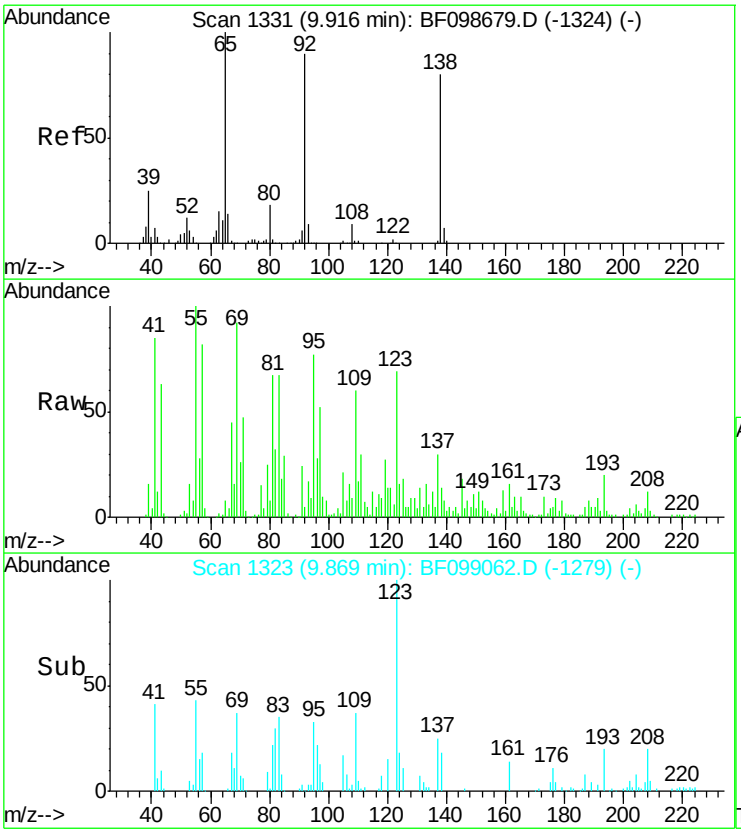
#51
Acenaphthene
Concen: 4.95 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 37433

Ion	Ratio	Lower	Upper
154	100		
153	138.0	91.2	136.8#
152	92.8	43.8	65.8#

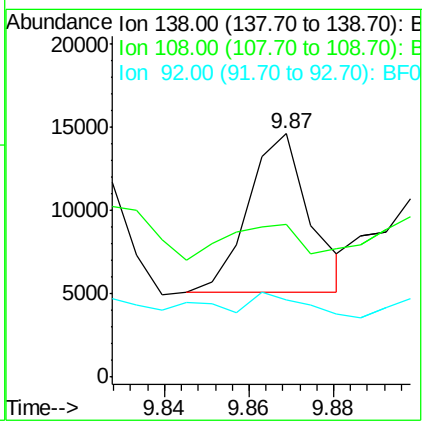


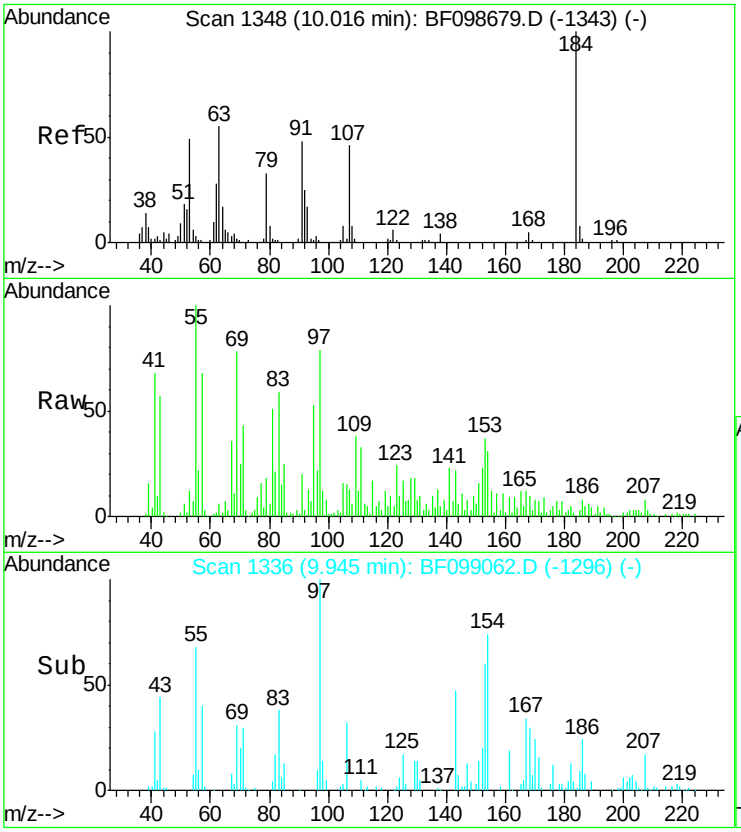


#52
3-Nitroaniline
Concen: 4.19 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:138 Resp: 9711

Ion	Ratio	Lower	Upper
138	100		
108	62.7	9.4	14.0#
92	31.8	89.4	134.2#



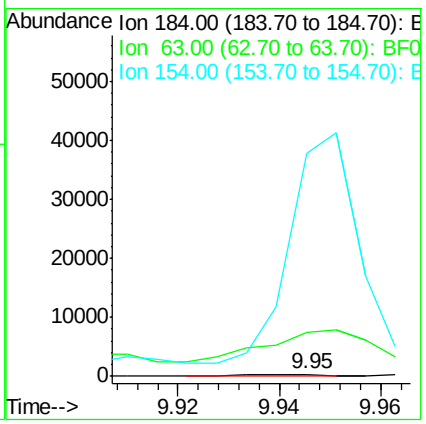


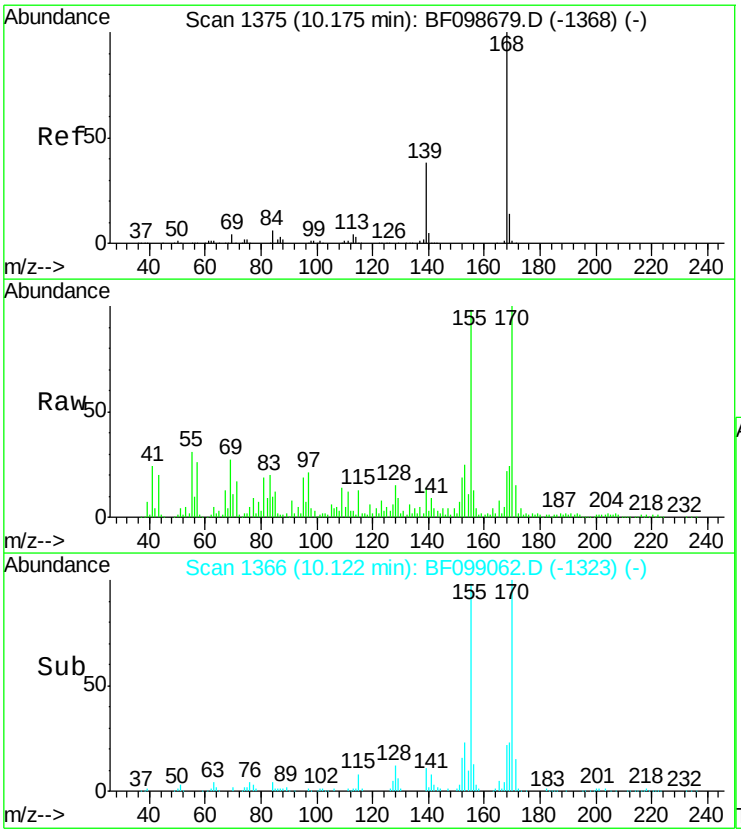
#53
2,4-Dinitrophenol
Concen: 6.14 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 352

Ion	Ratio	Lower	Upper
184	100		
63	2039.3	54.2	81.2#
154	10310.4	53.5	80.3#

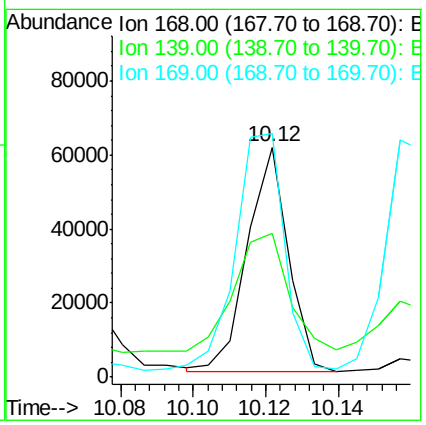


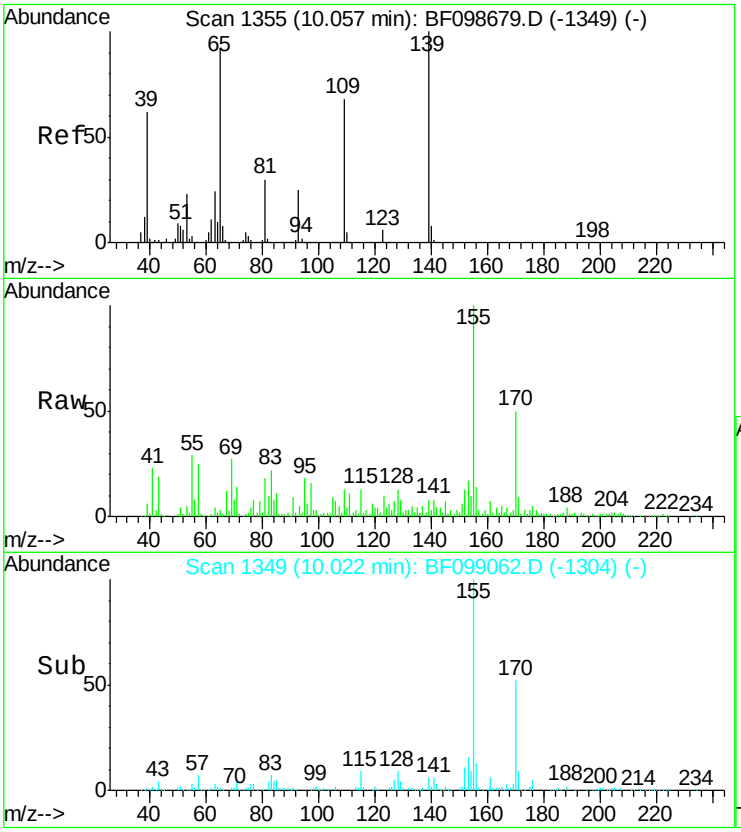


#54
Dibenzofuran
Concen: 4.77 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:168 Resp: 48083

Ion	Ratio	Lower	Upper
168	100		
139	62.8	30.1	45.1#
169	105.9	10.9	16.3#



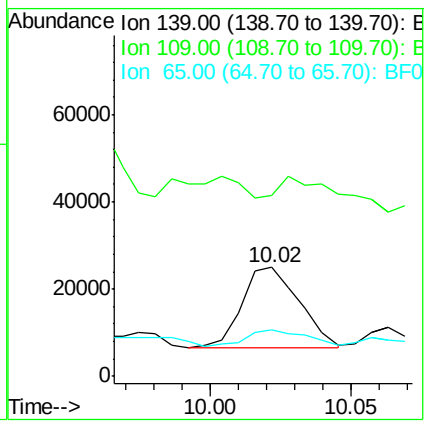


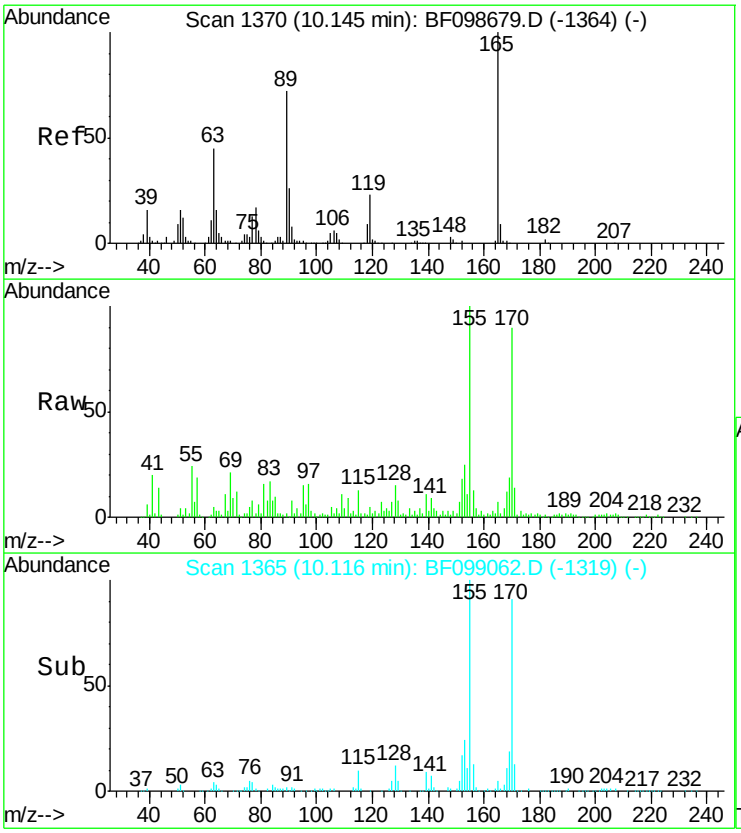
#55
4-Nitrophenol
Concen: 13.46 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 26356

Ion	Ratio	Lower	Upper
139	100		
109	166.3	48.4	88.4#
65	42.2	72.6	112.6#

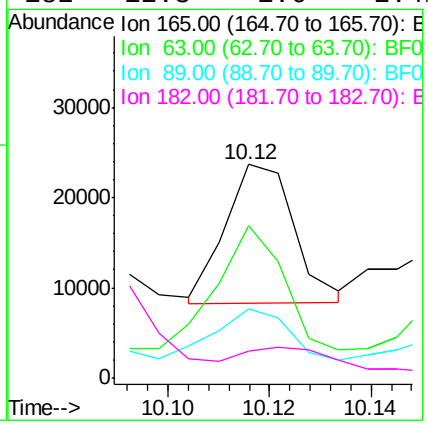


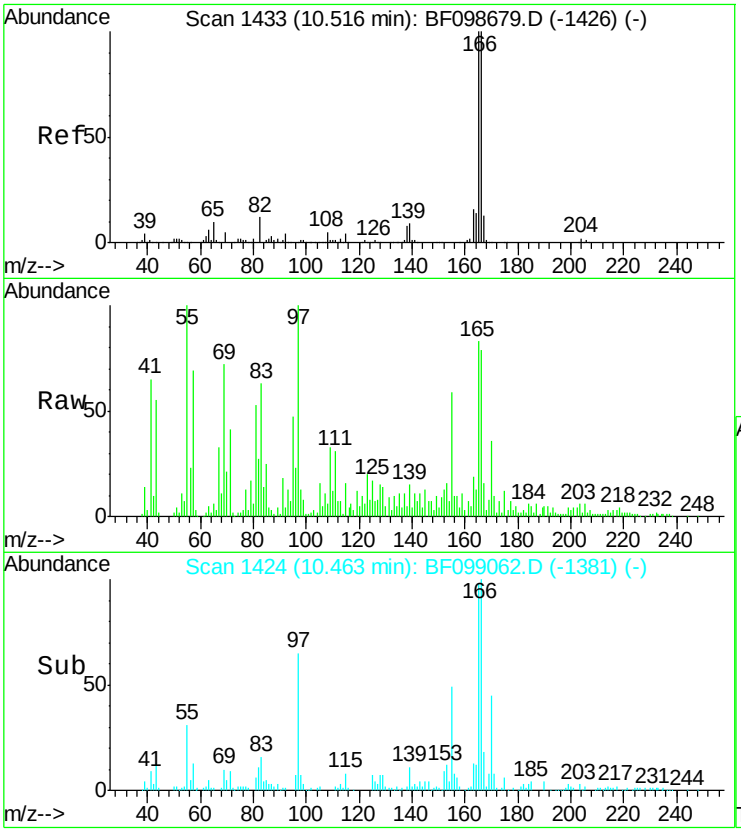


#56
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.03 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:165 Resp: 14485

Ion	Ratio	Lower	Upper
165	100		
63	71.1	36.4	54.6#
89	32.6	57.8	86.6#
182	12.3	1.6	2.4#



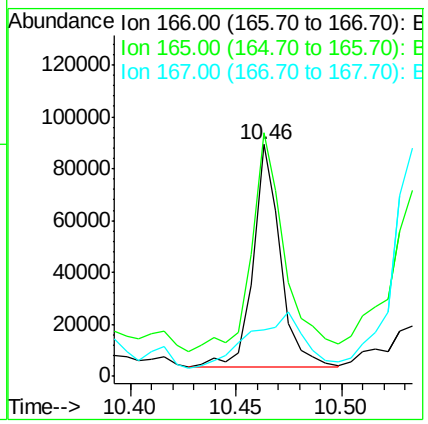


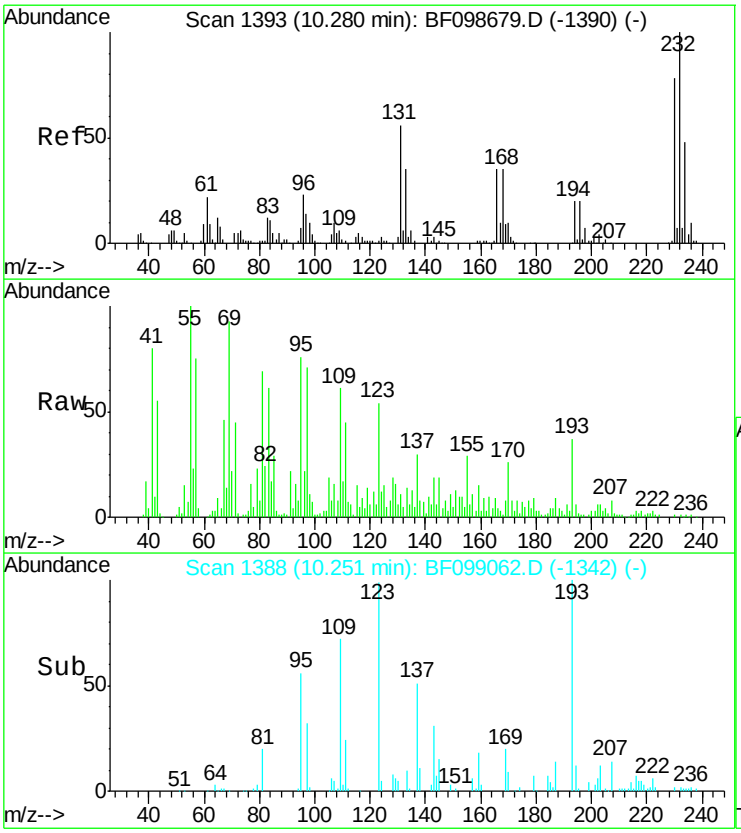
#57
Fluorene
Concen: 9.49 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 76777

Ion	Ratio	Lower	Upper
166	100		
165	105.1	79.8	119.8
167	19.8	10.6	16.0#

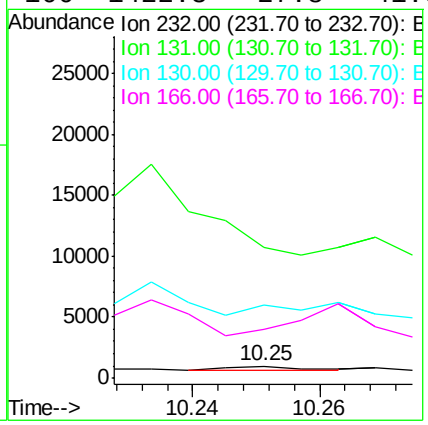


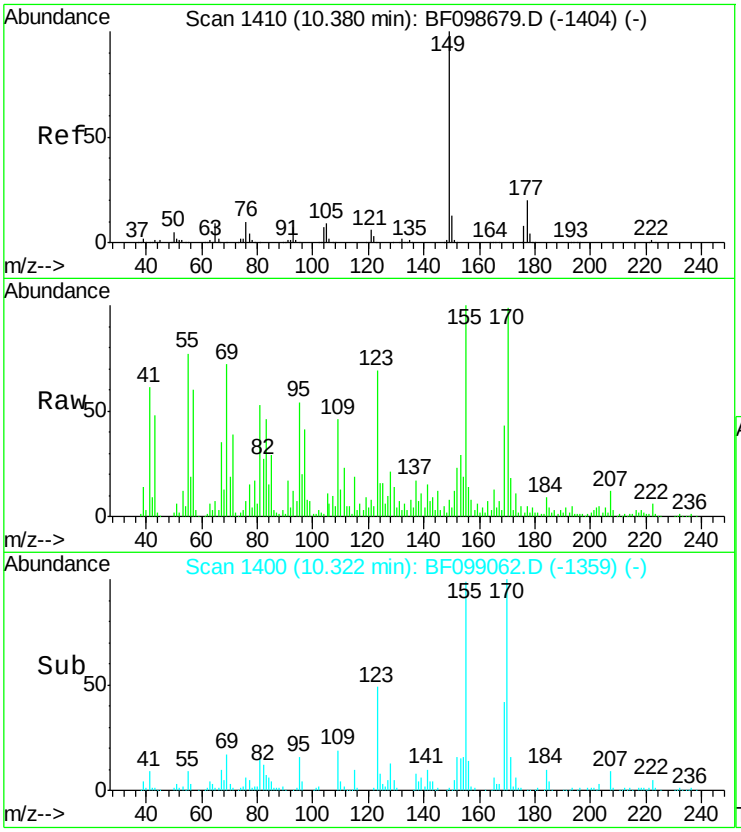


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.14 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:232 Resp: 242

Ion	Ratio	Lower	Upper
232	100		
131	4481.0	43.8	65.8#
130	1939.3	2.1	3.1#
166	1422.3	27.8	41.6#



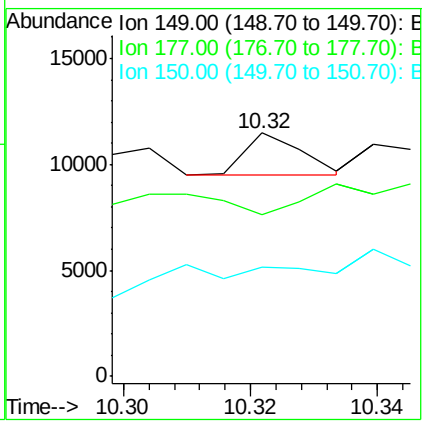


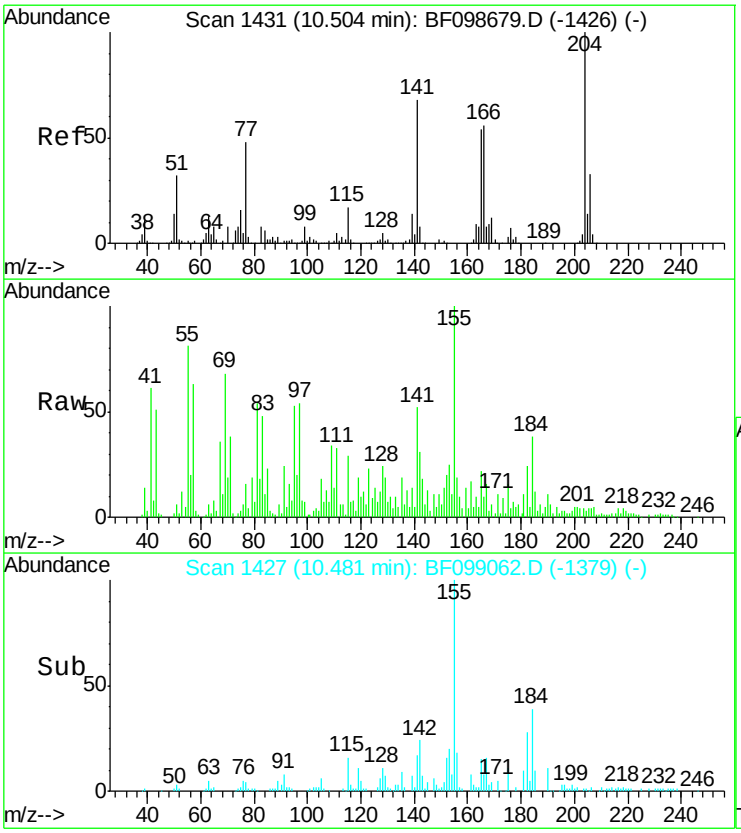
#59
Diethylphthalate
Concen: 0.14 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1220

Ion	Ratio	Lower	Upper
149	100		
177	66.5	16.1	24.1#
150	45.1	10.1	15.1#

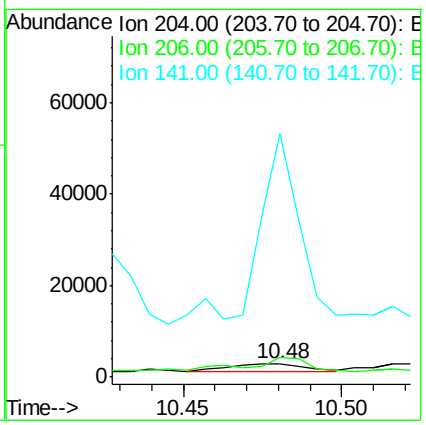


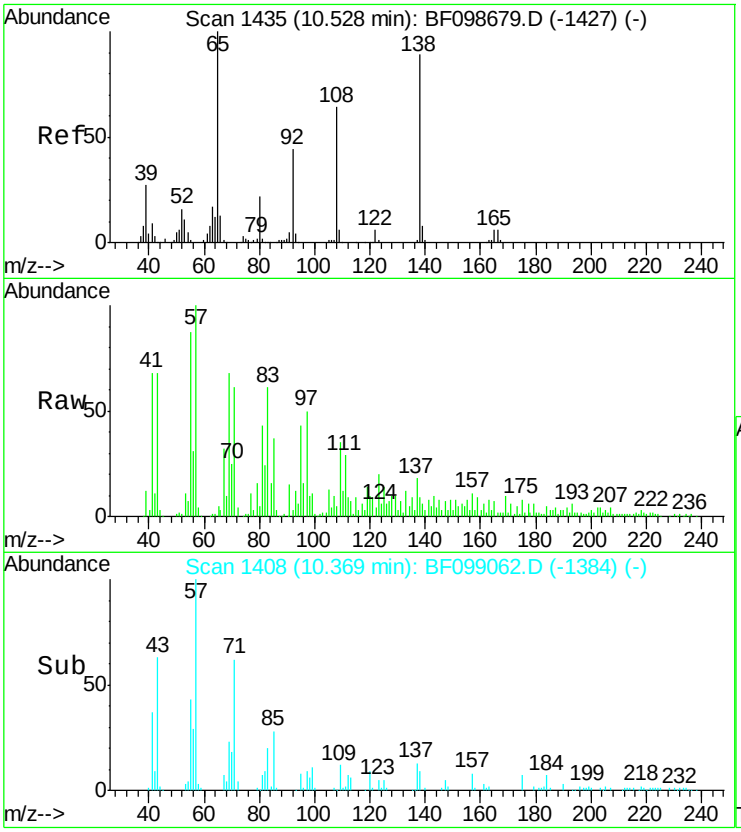


#60
4-Chlorophenyl-phenylether
Concen: 0.67 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:204 Resp: 2446

Ion	Ratio	Lower	Upper
204	100		
206	146.7	26.5	39.7#
141	1831.1	54.6	81.8#



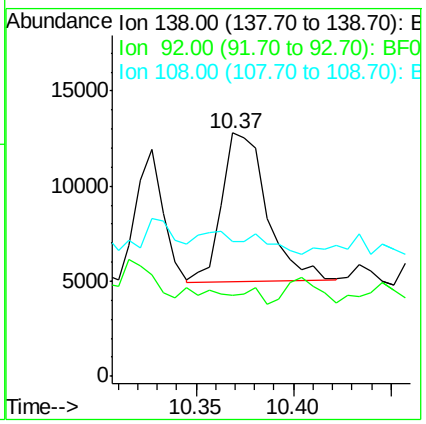


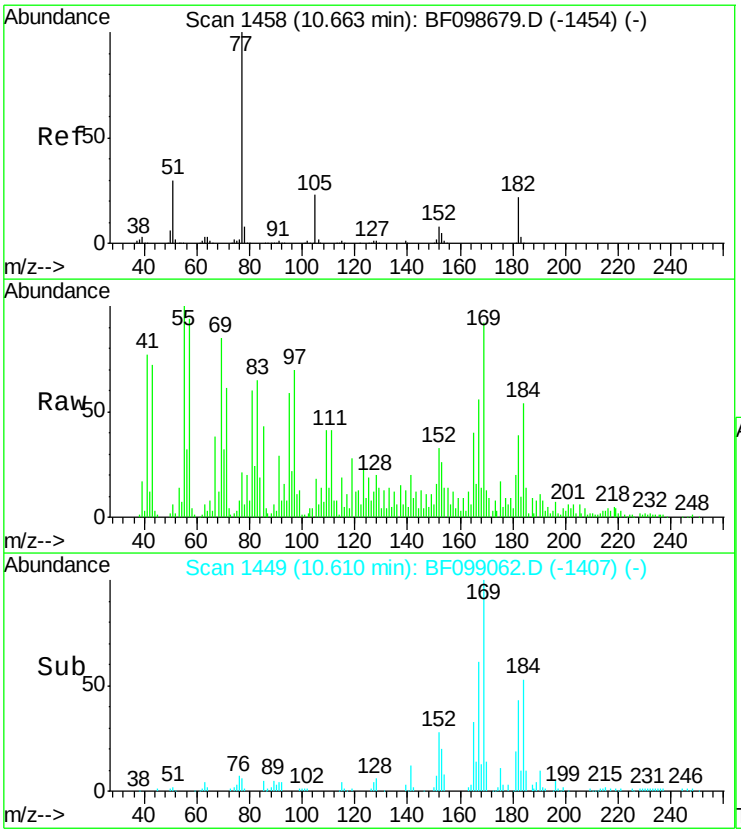
#61
4-Nitroaniline
Concen: 5.68 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.16 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 12700

Ion	Ratio	Lower	Upper
138	100		
92	33.4	30.2	70.2
108	55.5	52.5	92.5

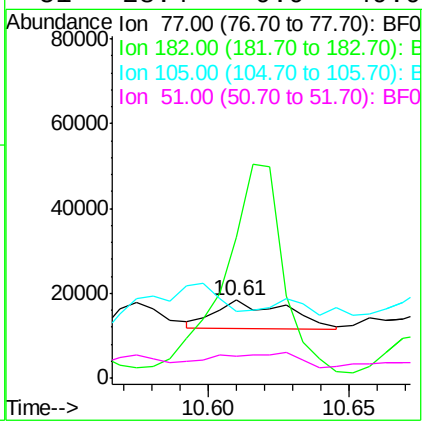


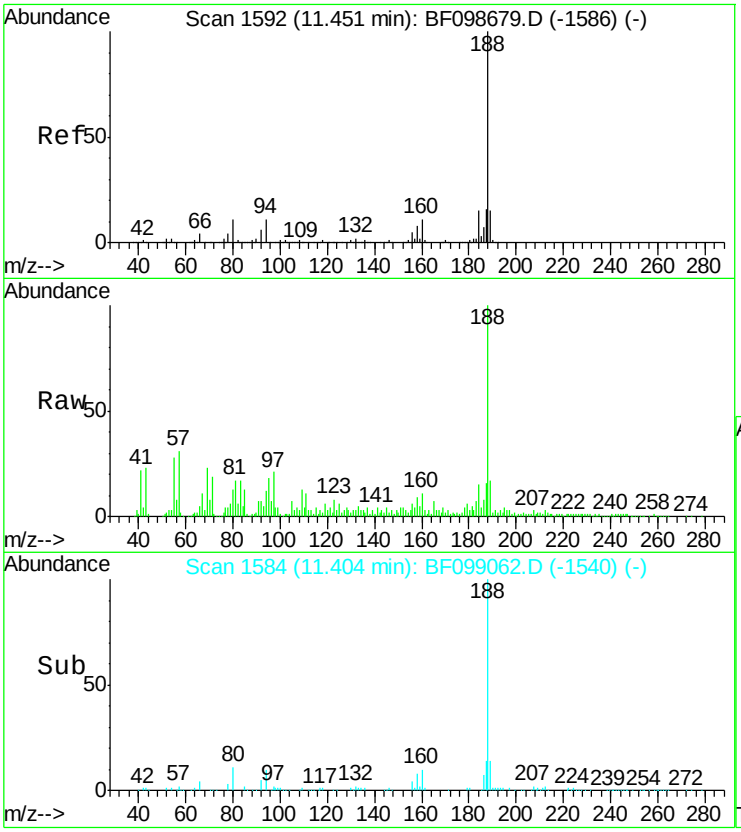


#62
Azobenzene
Concen: 1.40 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion: 77 Resp: 11484

Ion	Ratio	Lower	Upper
77	100		
182	181.1	1.7	41.7#
105	84.7	3.0	43.0#
51	28.4	9.9	49.9



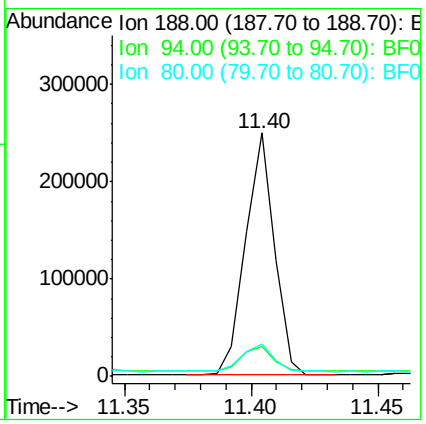


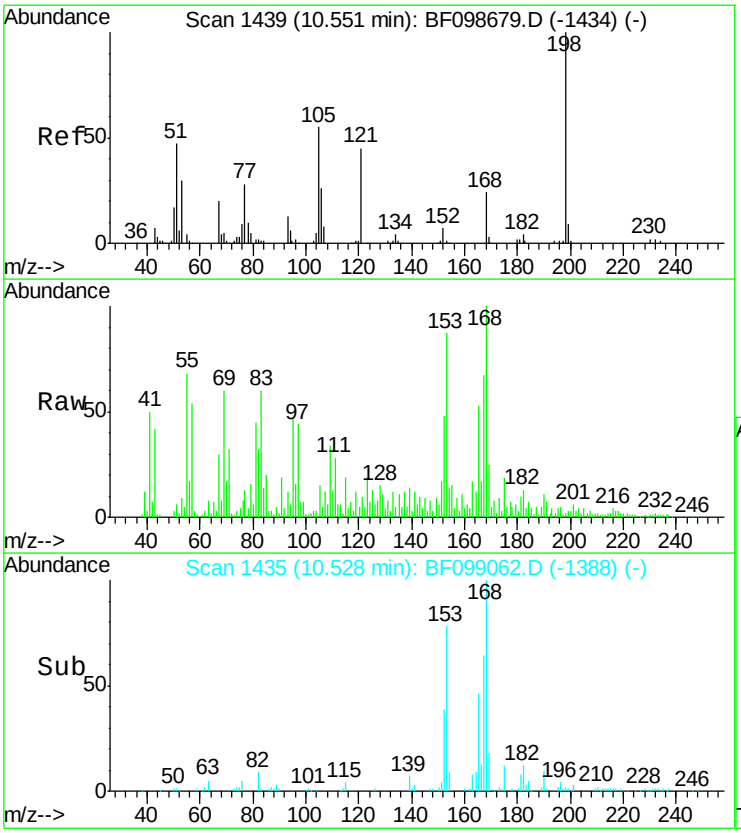
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 198051

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.5	9.2	13.8

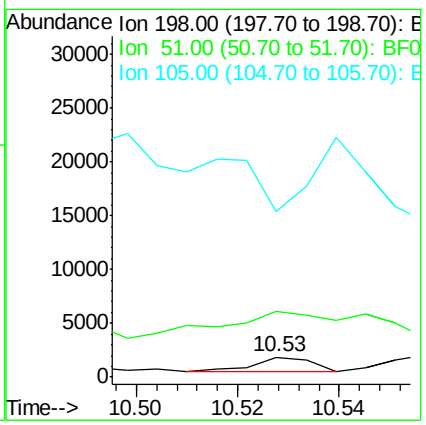


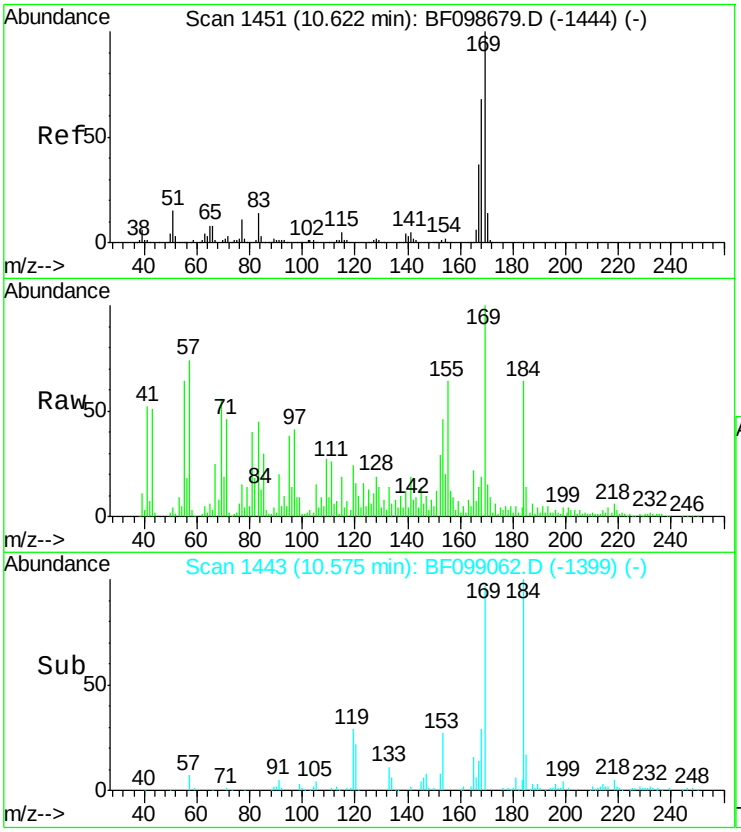


#64
4,6-Dinitro-2-methylphenol
Concen: 0.83 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:198 Resp: 1003

Ion	Ratio	Lower	Upper
198	100		
51	334.0	37.7	77.7#
105	837.8	36.3	76.3#



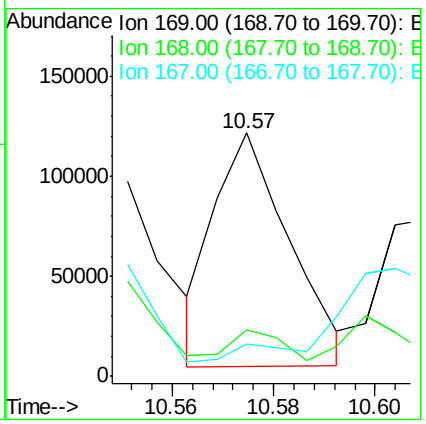


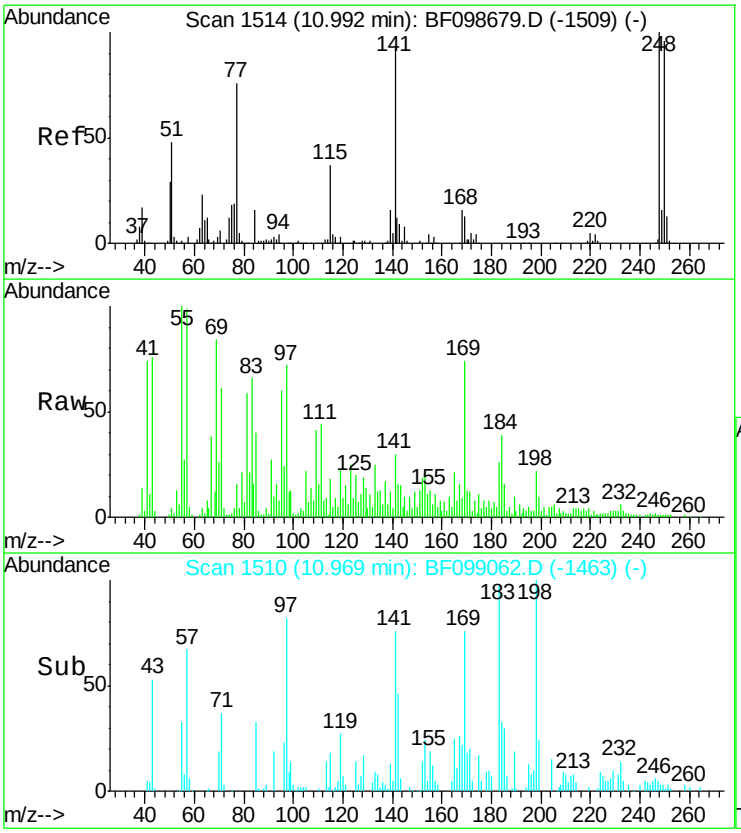
#65
n-Nitrosodiphenylamine
Concen: 17.50 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 120097

Ion	Ratio	Lower	Upper
169	100		
168	18.8	54.4	81.6#
167	13.5	29.8	44.6#

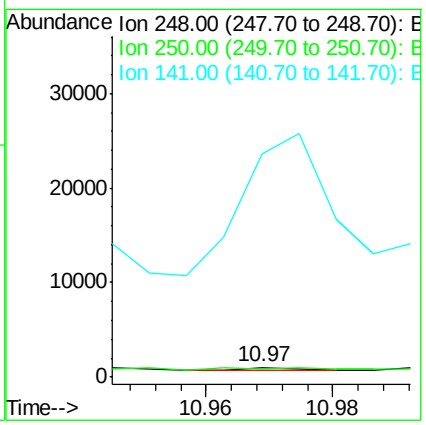


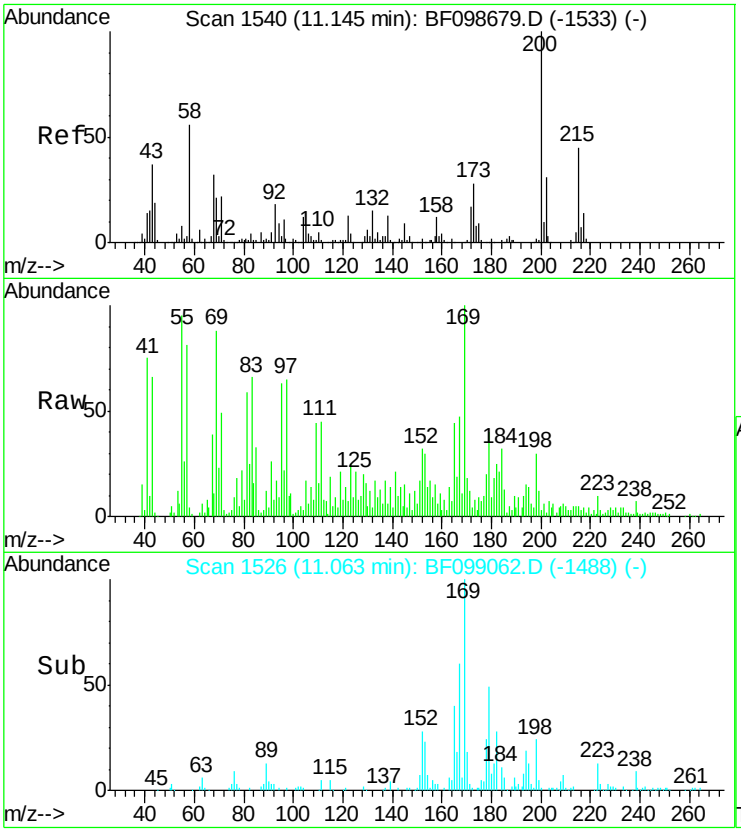


#66
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:248 Resp: 174

Ion	Ratio	Lower	Upper
248	100		
250	84.9	76.9	115.3
141	2331.9	74.4	111.6#



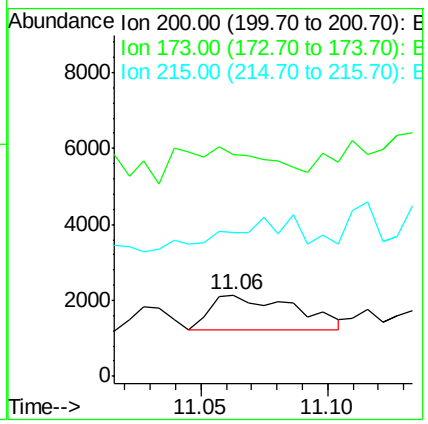


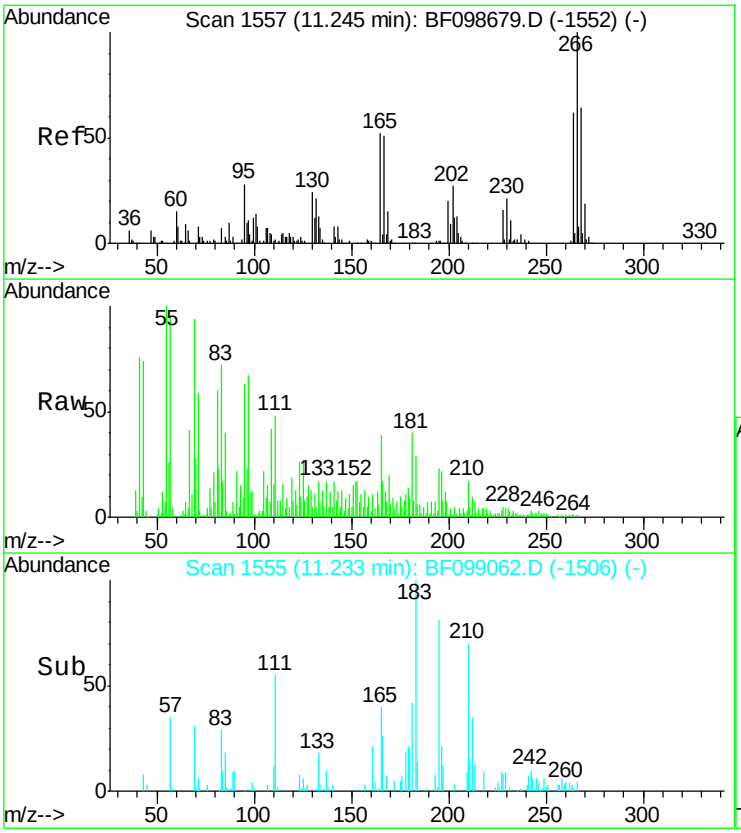
#68
Atrazine
Concen: 0.99 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.08 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 2053

Ion	Ratio	Lower	Upper
200	100		
173	271.9	8.6	48.6#
215	176.6	25.1	65.1#

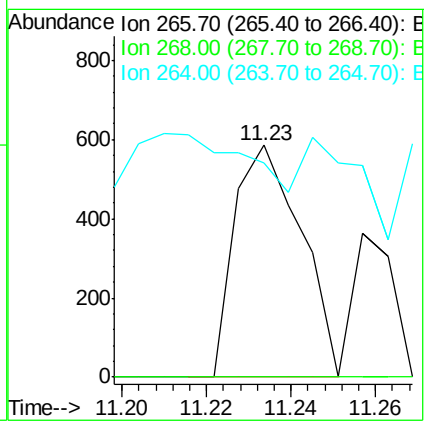


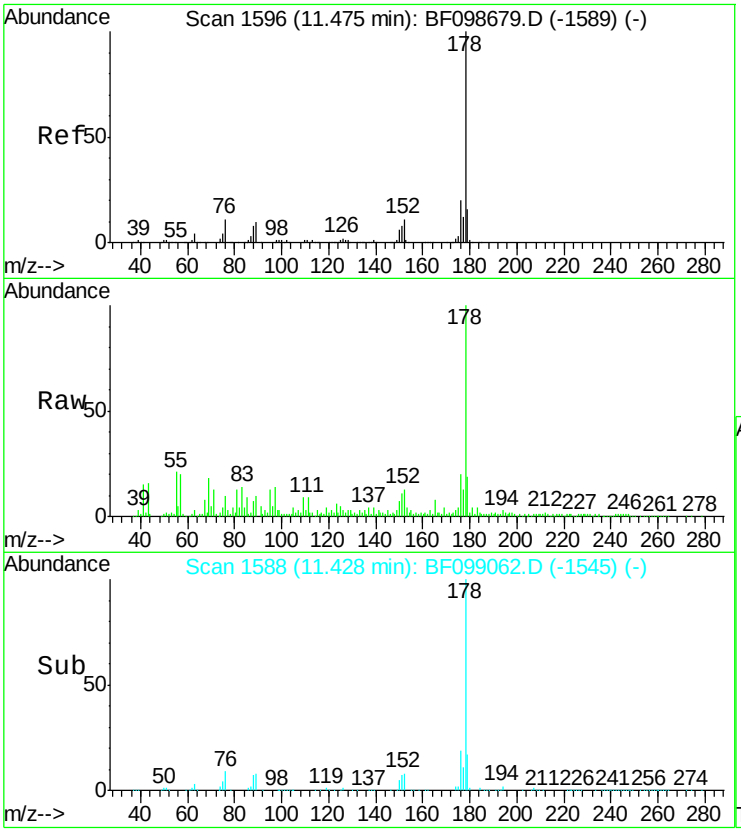


#69
Pentachlorophenol
Concen: 0.50 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:266 Resp: 640

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	92.2	49.5	74.3#



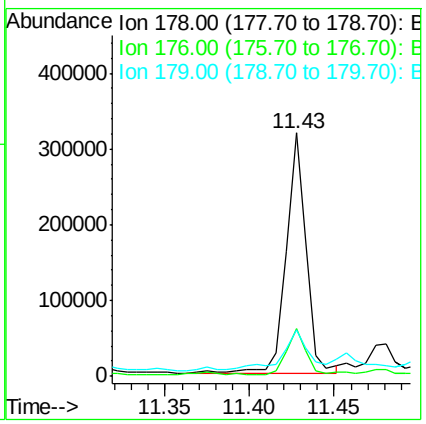


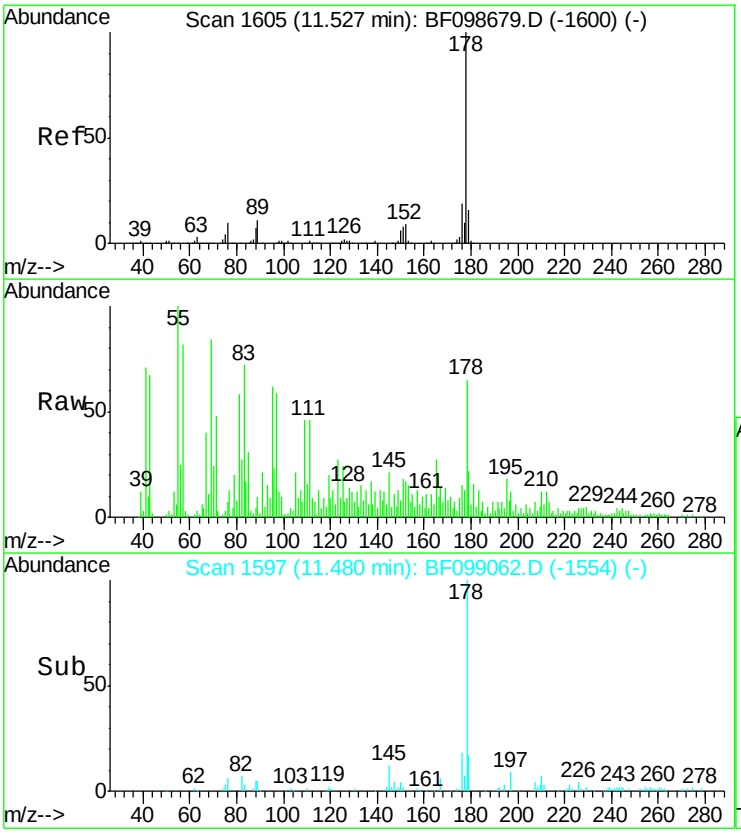
#70
Phenanthrene
Concen: 24.76 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 262460

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	19.2	13.0	19.6

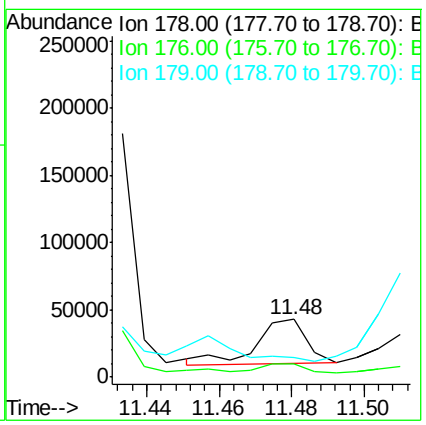


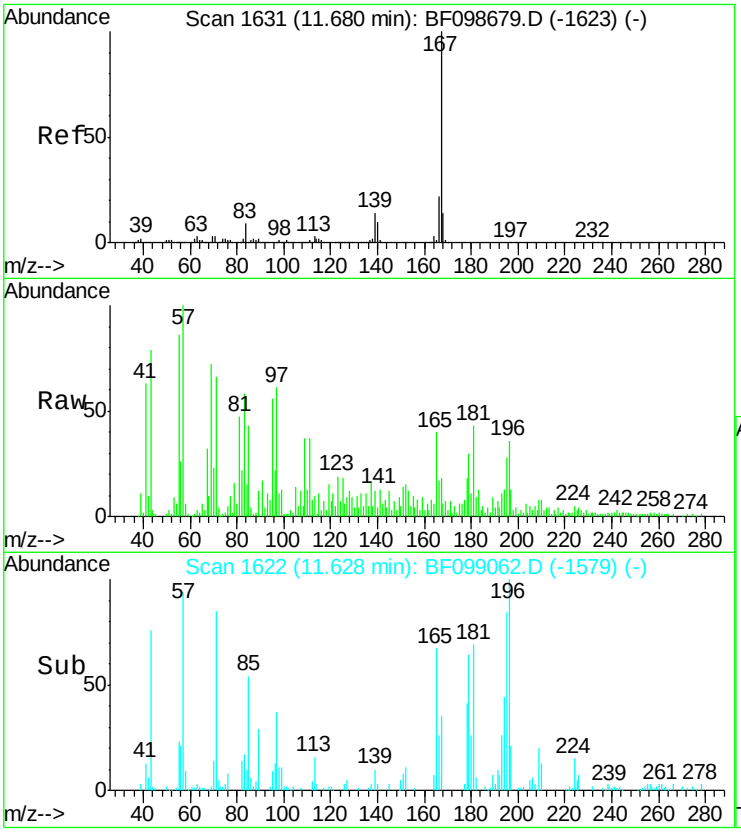


#71
Anthracene
Concen: 2.94 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:178 Resp: 31843

Ion	Ratio	Lower	Upper
178	100		
176	22.5	15.4	23.2
179	34.3	12.6	19.0#



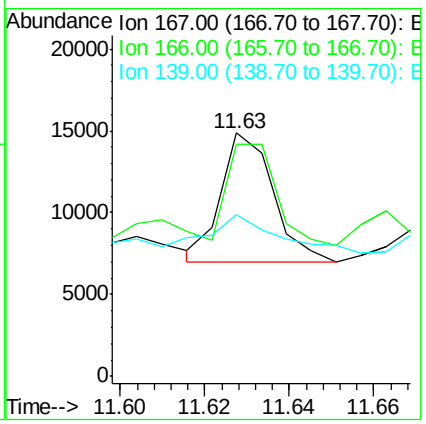


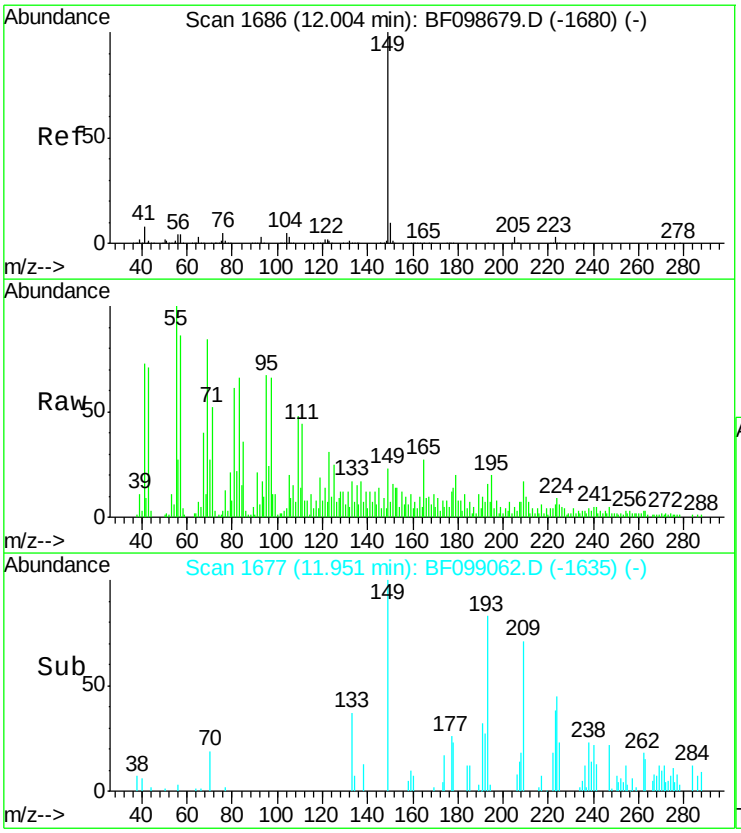
#72
Carbazole
Concen: 0.63 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 6744

Ion	Ratio	Lower	Upper
167	100		
166	95.5	17.6	26.4#
139	66.2	10.9	16.3#

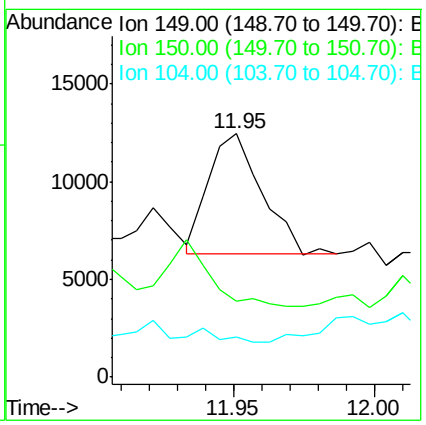


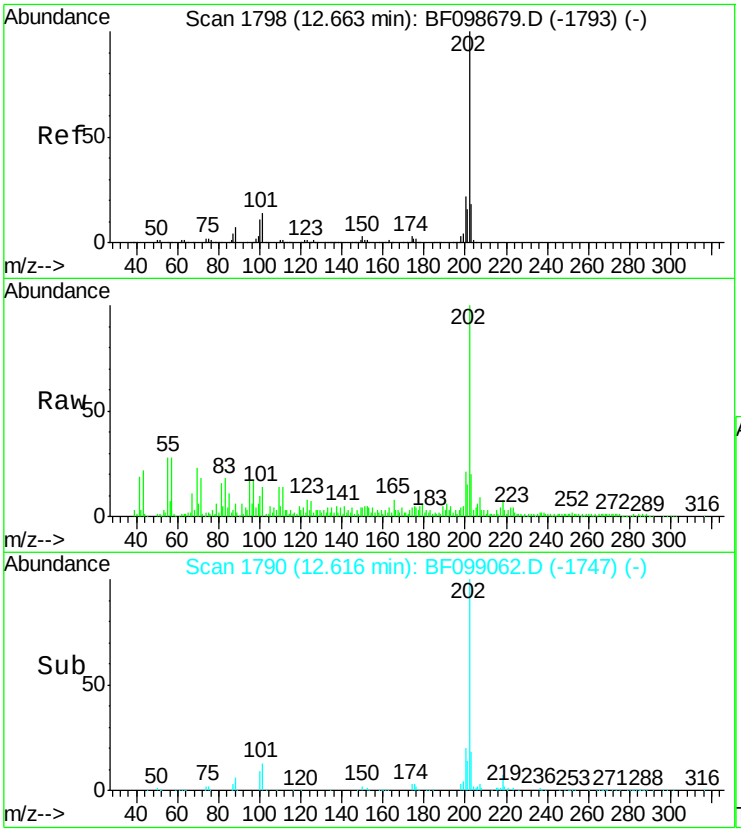


#73
Di-n-butylphthalate
Concen: 0.63 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:149 Resp: 8109

Ion	Ratio	Lower	Upper
149	100		
150	31.2	7.8	11.6#
104	16.2	3.8	5.8#



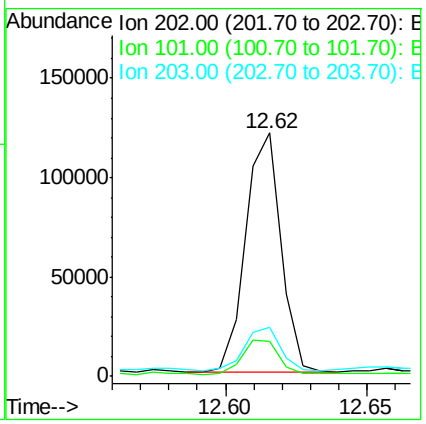


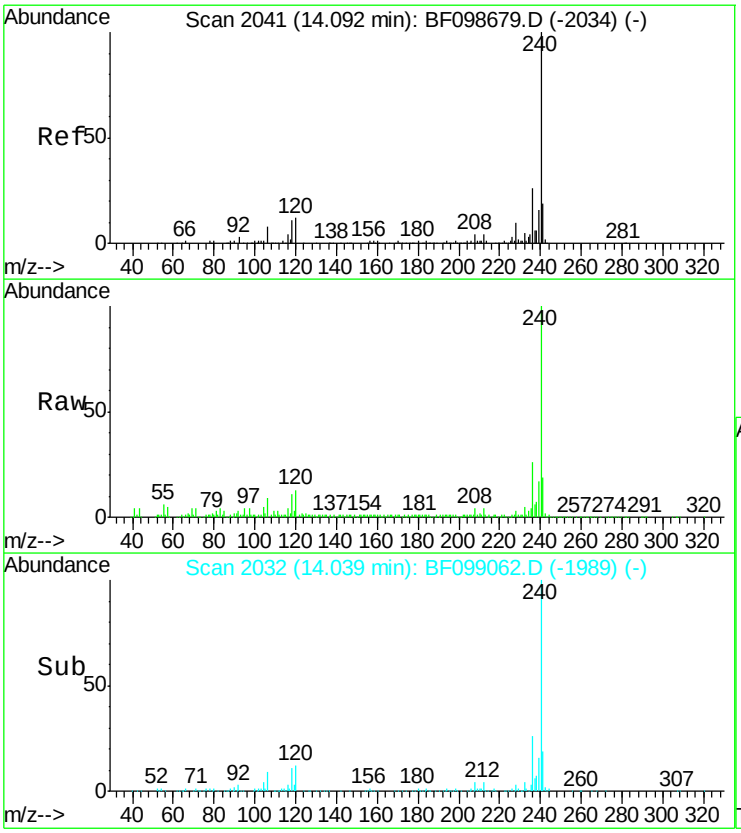
#74
Fluoranthene
Concen: 9.70 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 104161

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	19.9	0.0	38.1

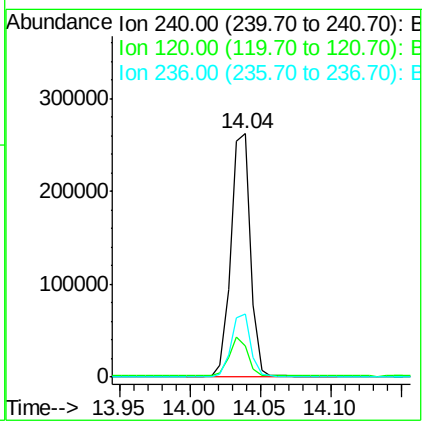


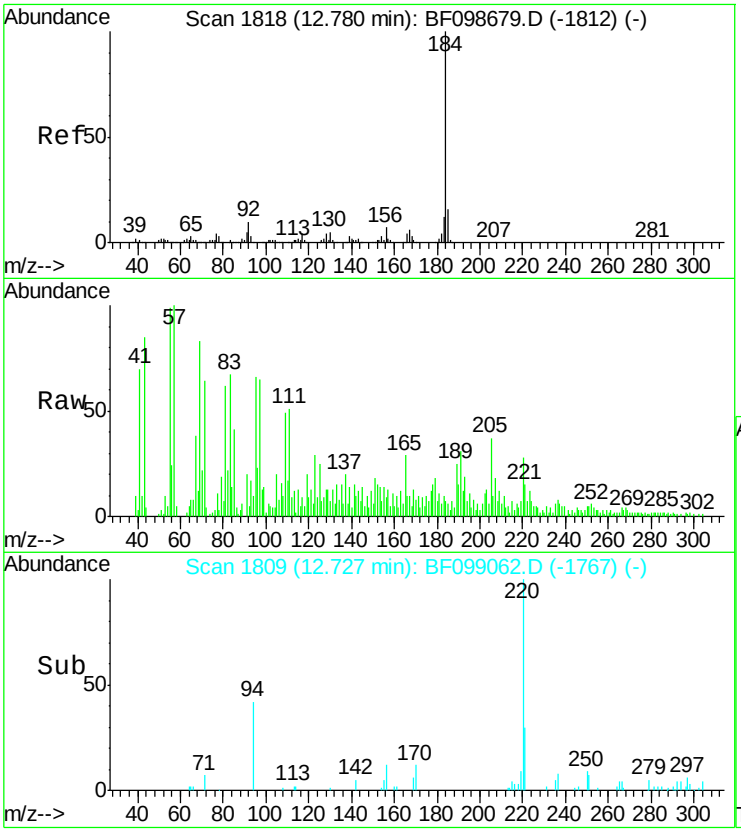


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:240 Resp: 252252

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.0	20.7	31.1



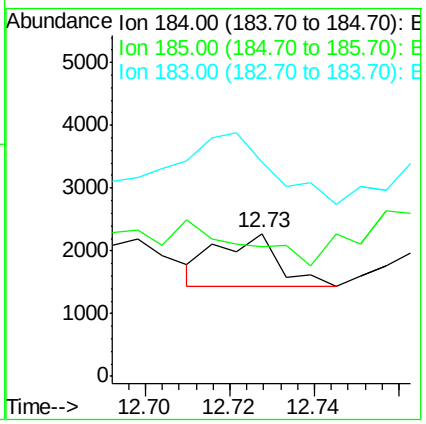


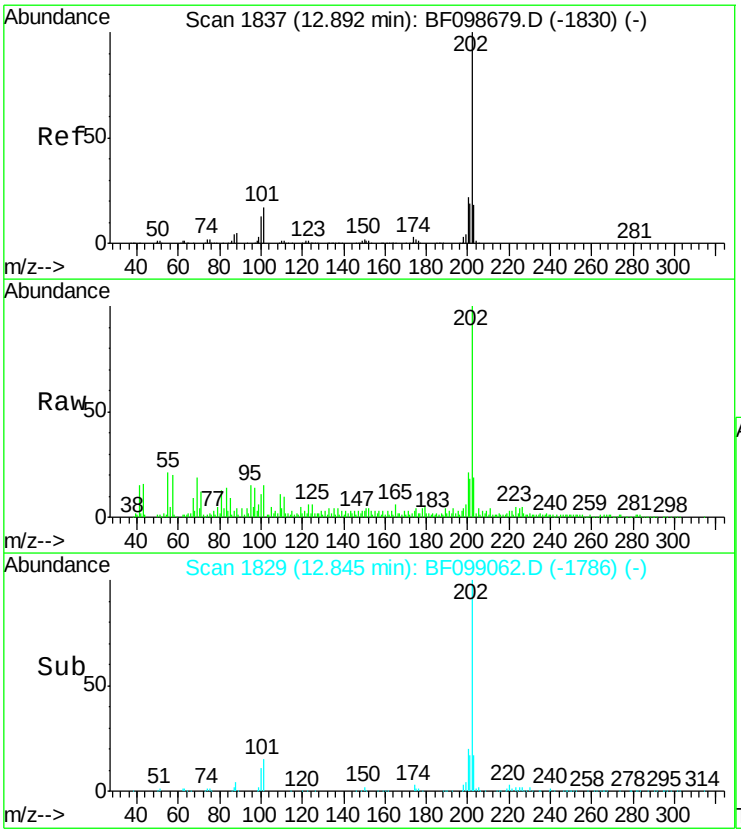
#76
Benzidine
Concen: 0.09 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 855

Ion	Ratio	Lower	Upper
184	100		
185	90.7	12.6	18.8#
183	149.8	9.3	13.9#

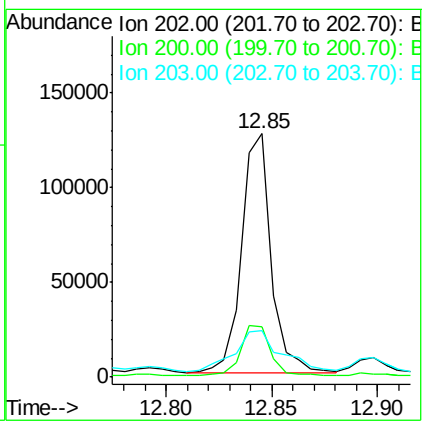


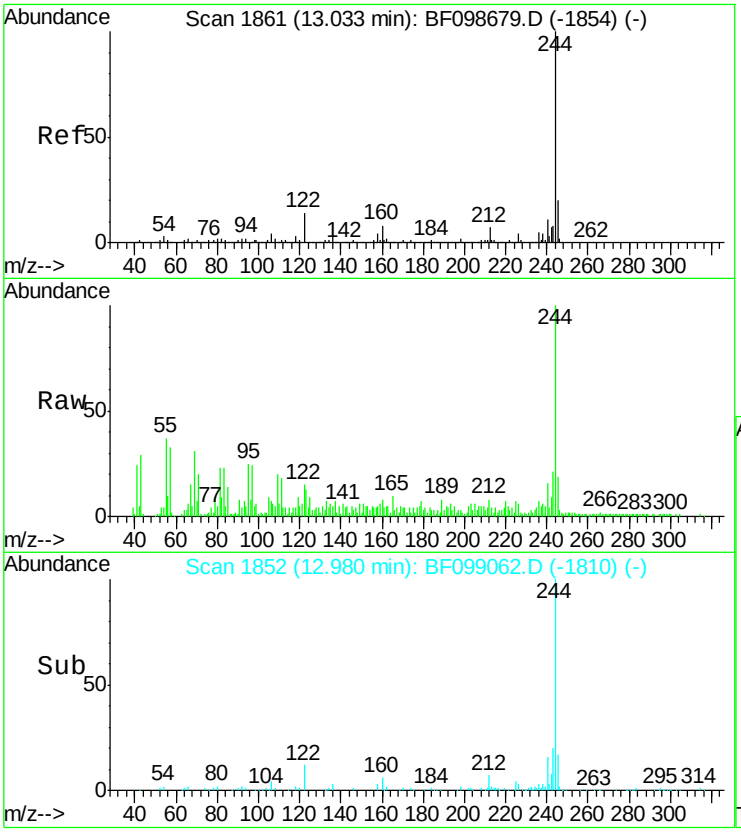


#77
Pyrene
Concen: 6.39 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:202 Resp: 122975

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	19.2	14.3	21.5



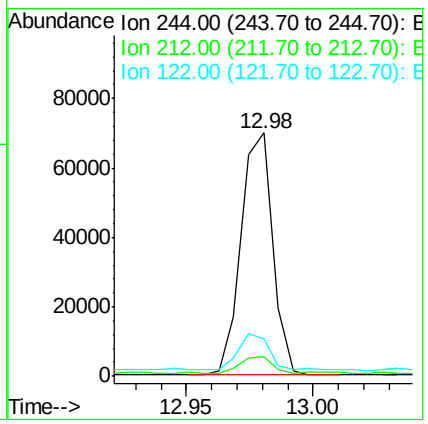


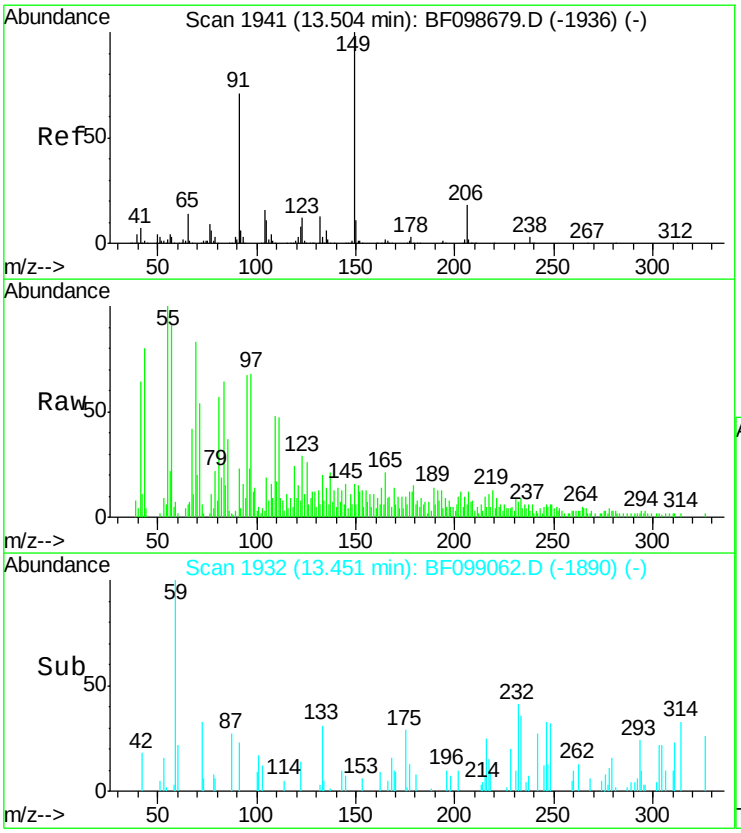
#78
Terphenyl-d14
Concen: 5.48 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 60838

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	15.3	11.0	16.4

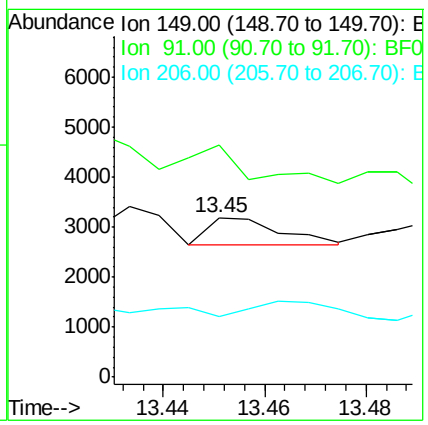


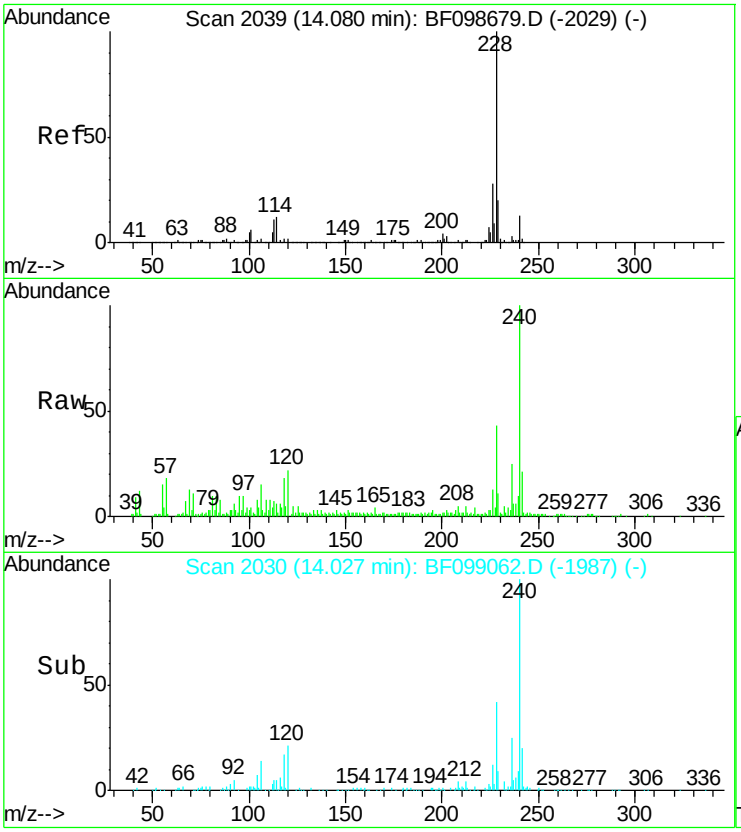


#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:149 Resp: 558

Ion	Ratio	Lower	Upper
149	100		
91	145.5	56.8	85.2#
206	38.0	14.1	21.1#



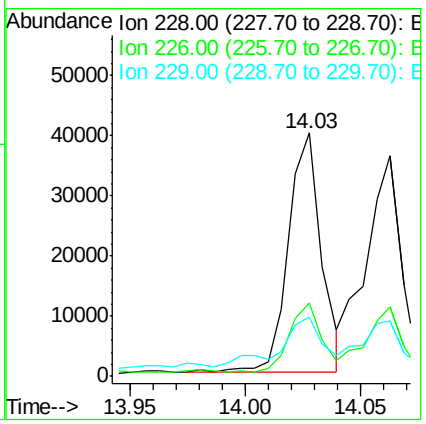


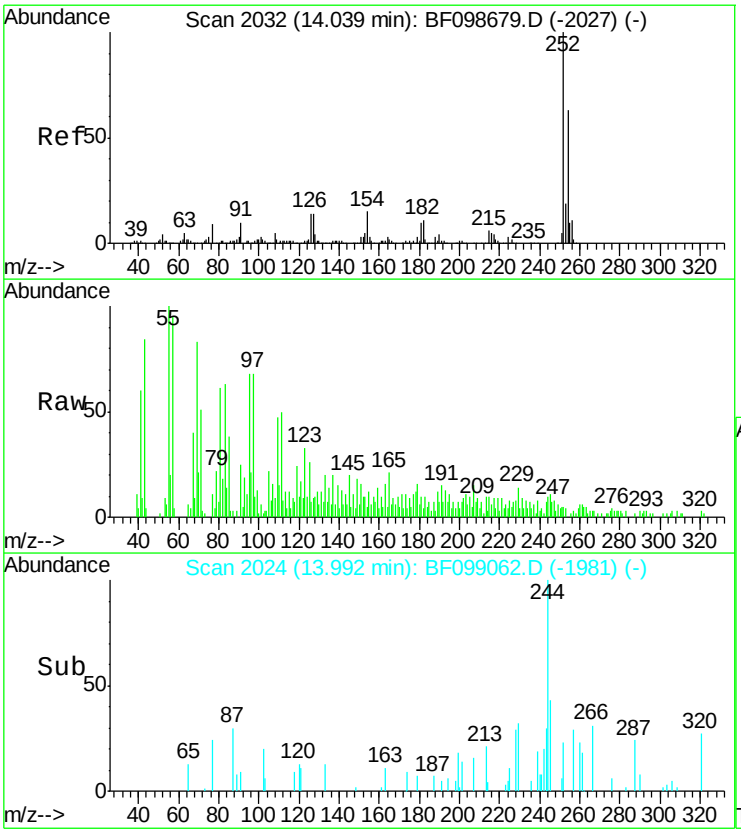
#80
Benzo(a)anthracene
Concen: 2.59 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	24.5	15.8	23.6#

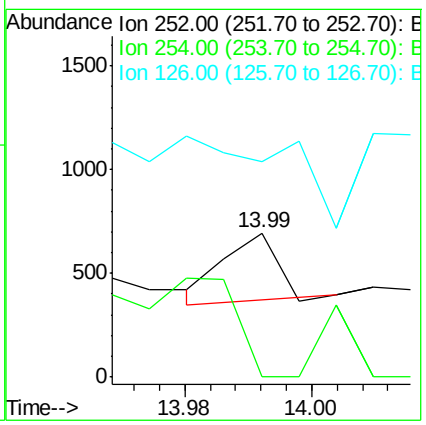


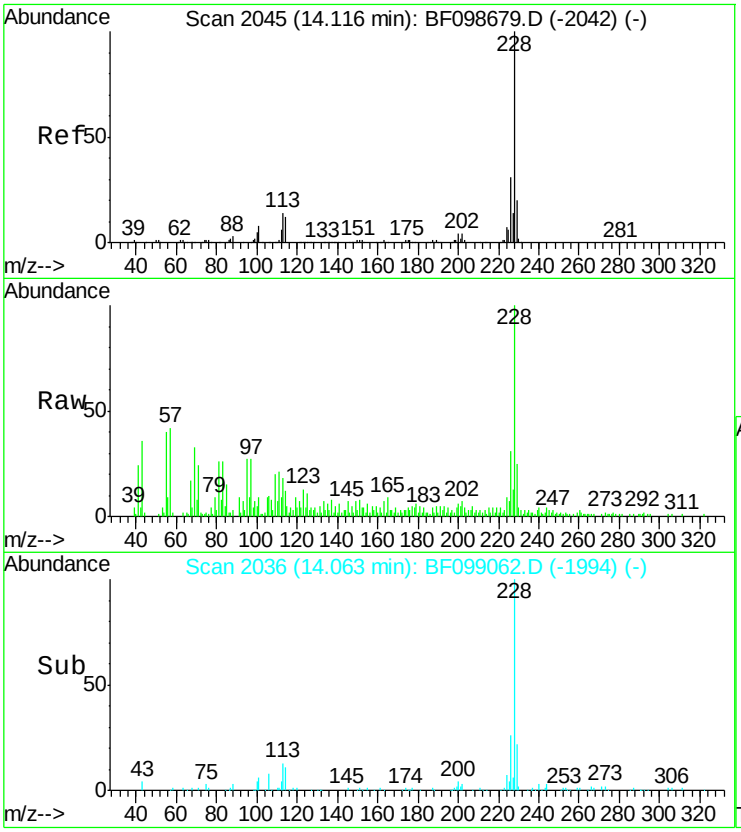


#81
3,3'-Dichlorobenzidine
Concen: 0.03 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:252 Resp: 189

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	149.5	11.3	16.9#



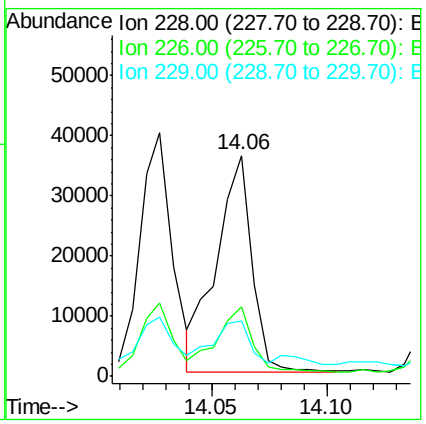


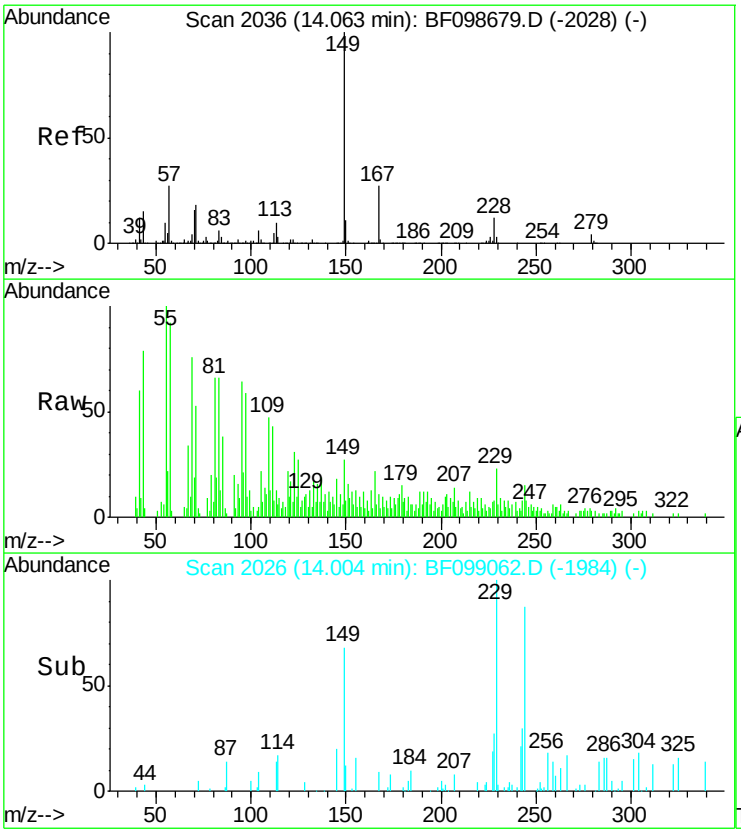
#82
Chrysene
Concen: 2.66 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38690

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	25.0	16.2	24.4#

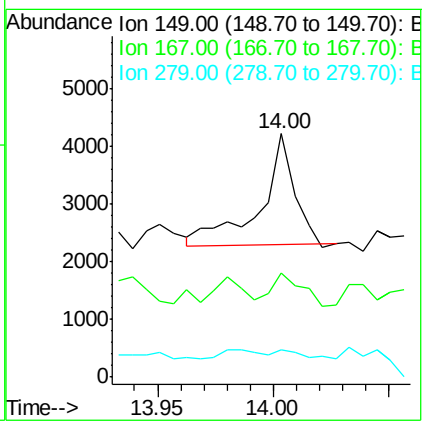


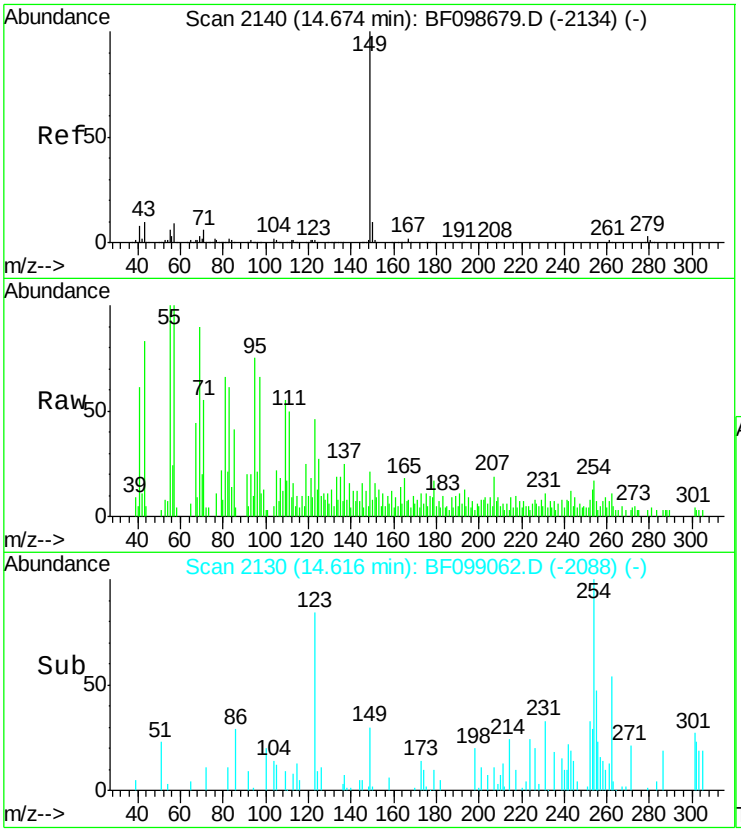


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:149 Resp: 1984

Ion	Ratio	Lower	Upper
149	100		
167	43.0	21.3	31.9#
279	11.3	3.0	4.4#



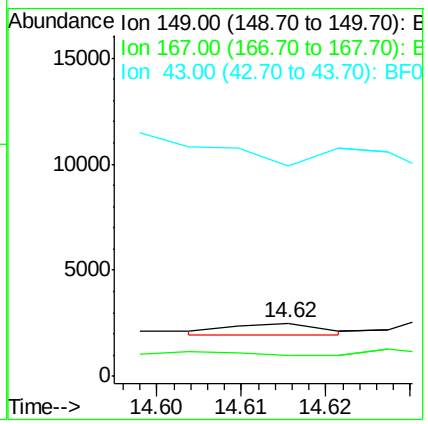


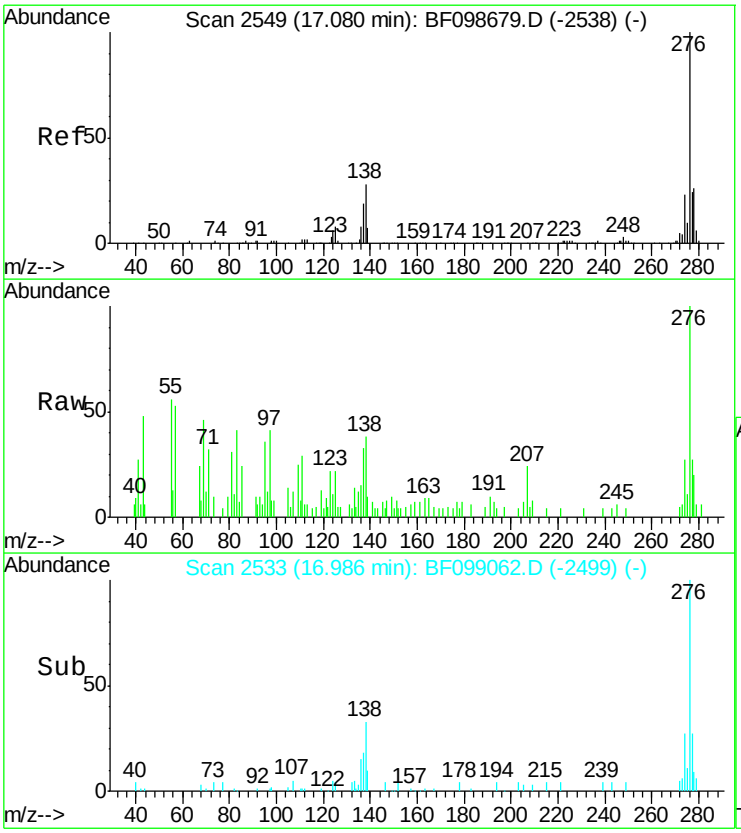
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.05 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 402

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

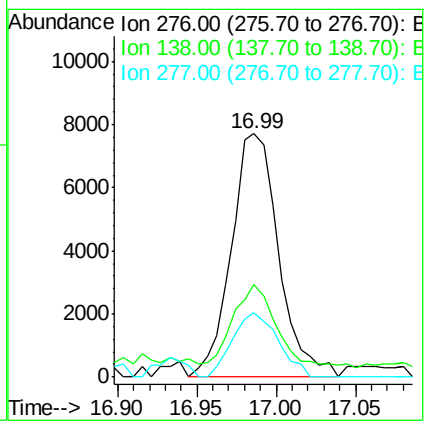


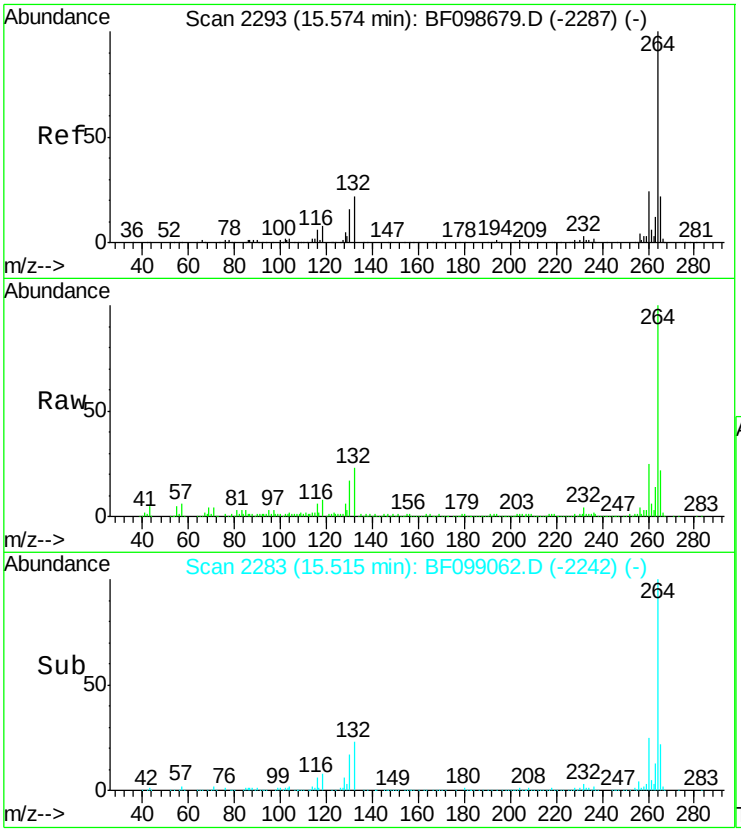


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.38 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.10 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:276 Resp: 16000

Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	25.5	20.1	30.1



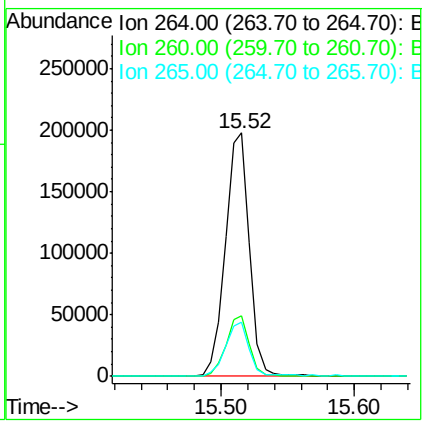


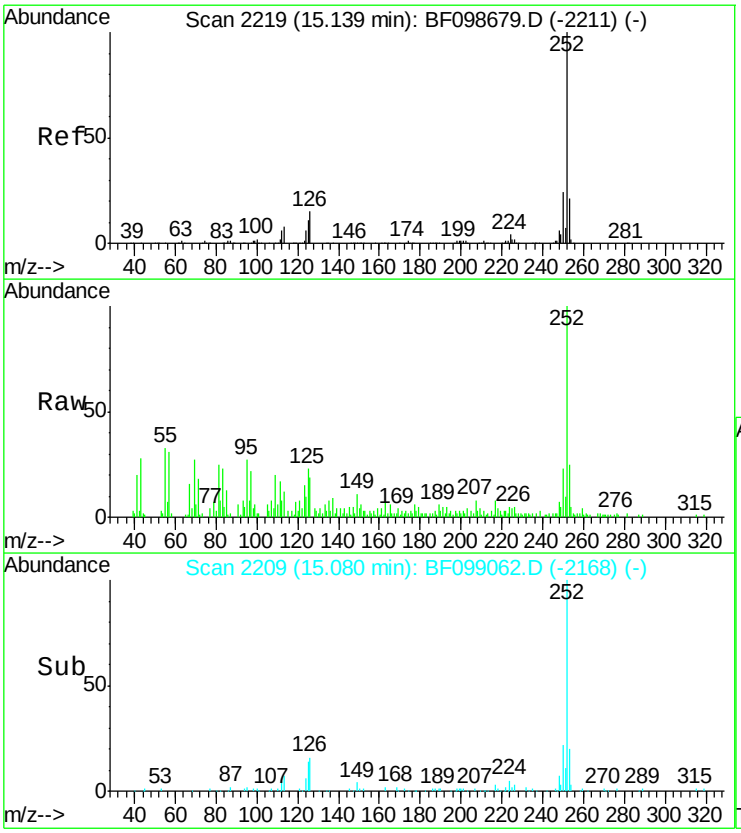
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 249936

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.4	17.5	26.3

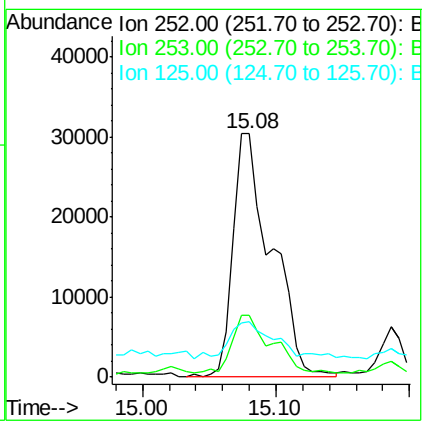


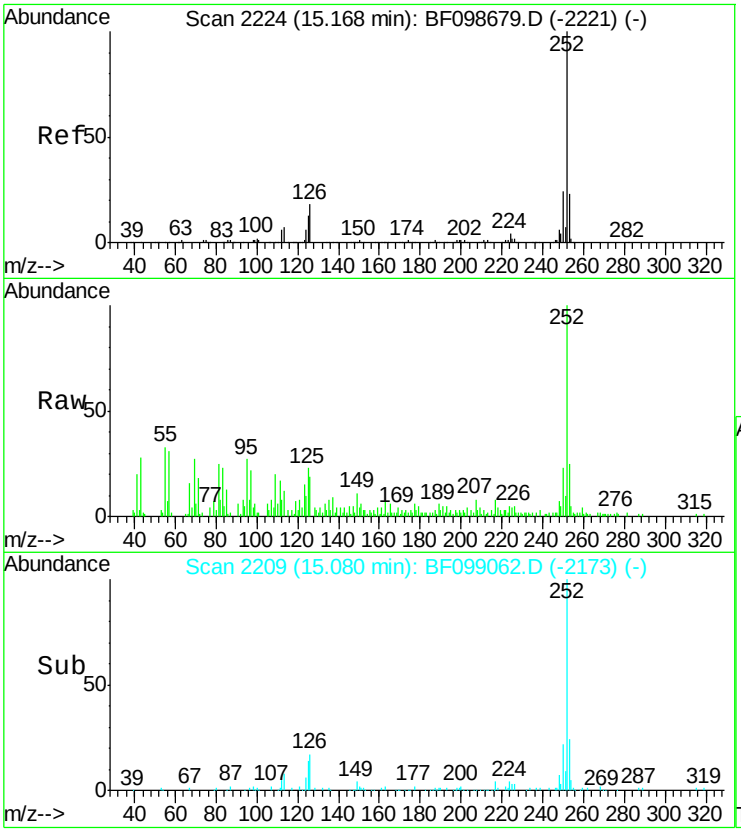


#87
Benzo(b)fluoranthene
Concen: 3.97 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:252 Resp: 61037

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	23.0	9.0	13.6#



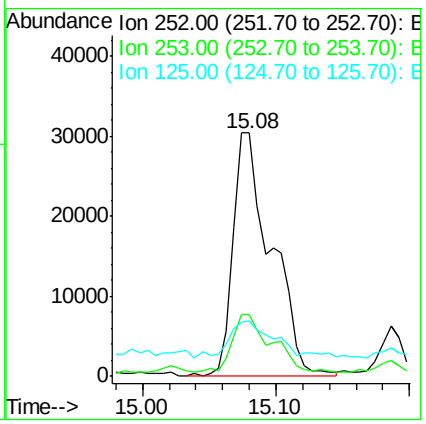


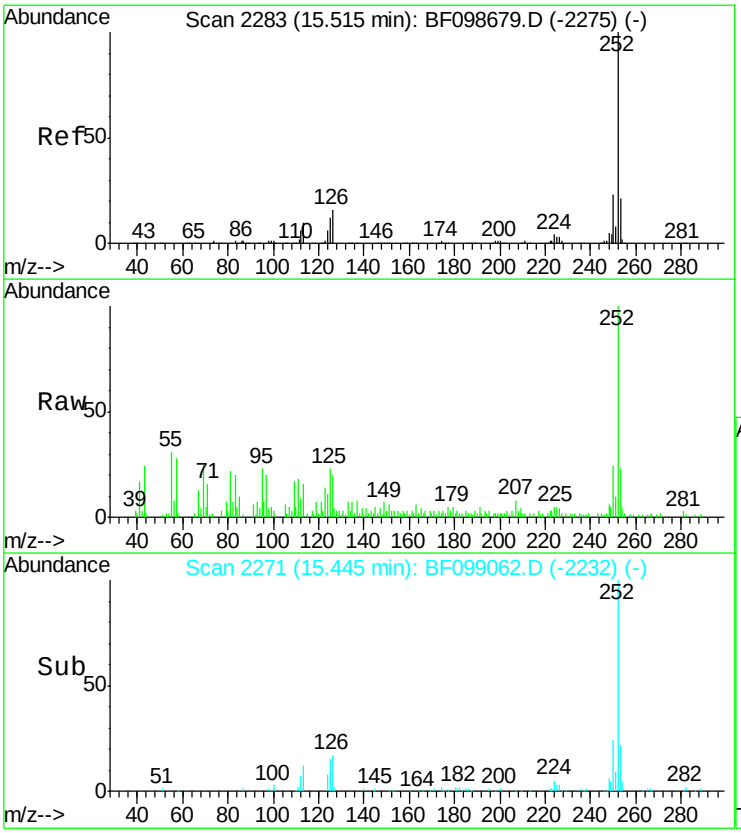
#88
Benzo(k)fluoranthene
Concen: 4.02 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.09 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 61037

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	23.0	10.2	15.2#

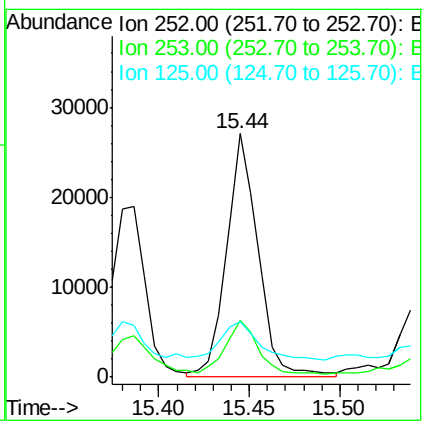


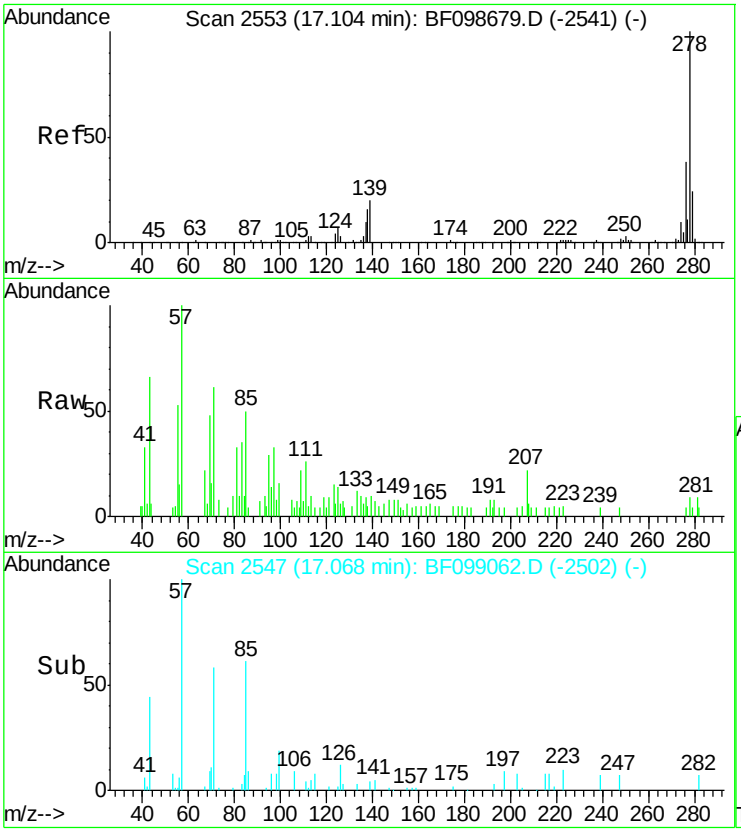


#89
Benzo(a)pyrene
Concen: 2.34 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.07 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:252 Resp: 32956

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	22.8	9.8	14.6#



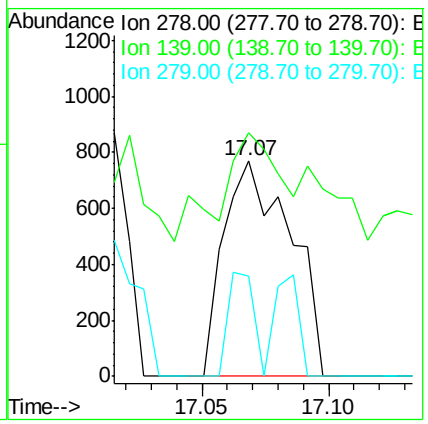


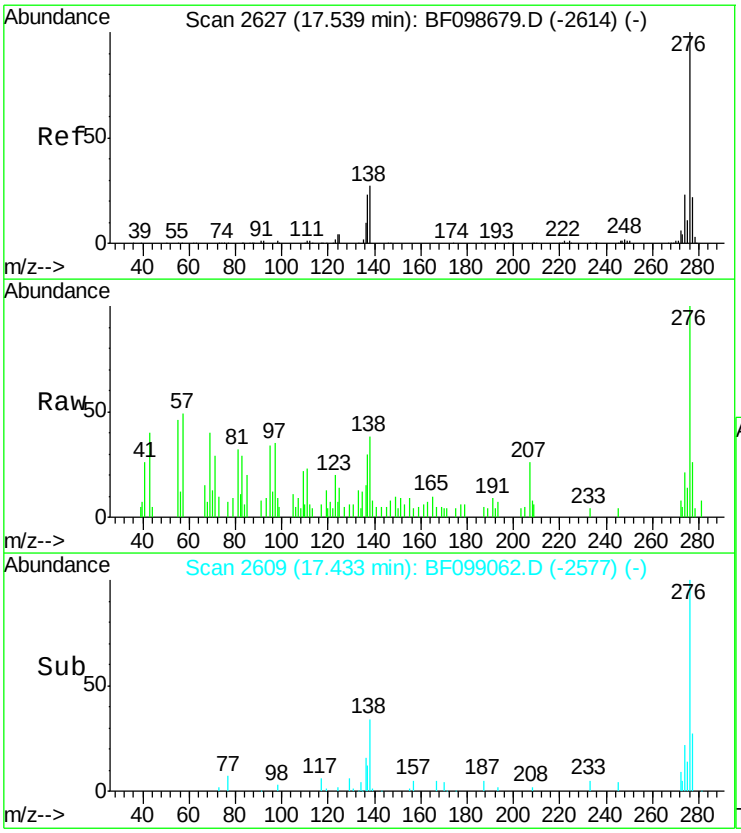
#90
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.04 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1418

Ion	Ratio	Lower	Upper
278	100		
139	112.8	15.9	23.9#
279	46.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 1.40 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.11 min
Lab File: BF099062.D
Acq: 4 Oct 2017 6:28

Tgt Ion:276 Resp: 15668

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	37.6	21.8	32.8#