Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100071.D
Acq On : 2 Nov 2017 4:00
Operator : SJ/JU
Sample : I6092-03MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 05:33:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87267	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	364658	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	167964	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	278076	20.00	ng		0.01
75) Chrysene-d12	14.23	240	161306	20.00	ng		0.25
86) Perylene-d12	0.00	264	0	0.00	ng		-15.46
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	679522	122.25	ng		0.03
7) Phenol-d6	6.43	99	729207	110.64	ng		0.00
23) Nitrobenzene-d5	7.35	82	497254	87.79	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	194381	126.99	ng		0.01
44) 2-Fluorobiphenyl	9.14	172	1032242	94.82	ng		0.00
78) Terphenyl-d14	12.98	244	762282	103.27	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	79491	32.384	ng	#	77
3) Pyridine	3.46	79	55959	9.480	ng	#	90
4) n-Nitrosodimethylamine	3.36	42	79482	37.691	ng	#	68
6) Aniline	6.46	93	45542	5.329	ng	#	52
8) 2-Chlorophenol	6.57	128	266389	44.966	ng		90
9) Benzaldehyde	6.35	77	45483	11.548	ng		91
10) Phenol	6.45	94	262011	36.207	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	253429	45.352	ng		93
12) 1,3-Dichlorobenzene	6.72	146	288979	43.444	ng		97
13) 1,4-Dichlorobenzene	6.79	146	297385	44.050	ng		98
14) 1,2-Dichlorobenzene	6.95	146	266189	43.263	ng		96
15) Benzyl Alcohol	6.93	79	148596	35.451	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	314051	50.592	ng	#	21
17) 2-Methylphenol	7.05	107	210701	42.519	ng	#	90
18) Hexachloroethane	7.28	117	91796	40.756	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	174937	45.292	ng		89
20) 3+4-Methylphenols	7.21	107	278052	48.189	ng		95
22) Acetophenone	7.20	105	361132	43.494	ng	#	92
24) Nitrobenzene	7.37	77	252665	44.272	ng		92
25) Isophorone	7.61	82	495971	48.256	ng		96
26) 2-Nitrophenol	7.69	139	149996	45.888	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	244700	50.807	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	317615	44.125	ng		100
29) 2,4-Dichlorophenol	7.94	162	244147	48.798	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	244213	45.683	ng		100
31) Naphthalene	8.09	128	793796	45.096	ng		99
32) Benzoic acid	7.90	122	155609	36.706	ng		95
33) 4-Chloroaniline	8.16	127	38103	5.242	ng		95
34) Hexachlorobutadiene	8.19	225	122890	44.693	ng		99
35) Caprolactam	8.53	113	38494	24.466	ng	#	71
36) 4-Chloro-3-methylphenol	8.65	107	233600	45.744	ng		93
37) 2-Methylnaphthalene	8.78	142	563061	47.733	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	232248	42.812	ng	#	98
40) Hexachlorocyclopentadiene	8.92	237	16398	26.330	ng		98

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Acq On : 2 Nov 2017 4:00
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Sample : I6092-03MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 02 05:33:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	158069	48.171	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	154487	44.366	ng	#	92
45) 1,1'-Biphenyl	9.25	154	669925	44.089	ng		97
46) 2-Chloronaphthalene	9.27	162	508118	46.046	ng		95
47) 2-Nitroaniline	9.38	65	125549	43.349	ng		90
48) Acenaphthylene	9.69	152	750496	44.157	ng		99
49) Dimethylphthalate	9.55	163	618344	46.487	ng		99
50) 2,6-Dinitrotoluene	9.63	165	132306	47.315	ng	#	76
51) Acenaphthene	9.86	154	458681	44.168	ng		98
52) 3-Nitroaniline	9.80	138	34262	10.399	ng		92
53) 2,4-Dinitrophenol	9.93	184	58234	54.709	ng	#	80
54) Dibenzofuran	10.03	168	676006	46.115	ng		97
55) 4-Nitrophenol	9.99	139	95852	55.678	ng	#	78
56) 2,4-Dinitrotoluene	10.04	165	165180	49.051	ng	#	86
57) Fluorene	10.38	166	541372	44.604	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	124377	50.944	ng		91
59) Diethylphthalate	10.25	149	610592	47.007	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	257271	45.039	ng		95
61) 4-Nitroaniline	10.42	138	82348	26.197	ng	#	81
62) Azobenzene	10.53	77	446353	40.992	ng		87
64) 4,6-Dinitro-2-methylphenol	10.46	198	42417	24.266	ng		80
65) n-Nitrosodiphenylamine	10.49	169	330089	32.157	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	148657	50.780	ng	#	90
67) Hexachlorobenzene	10.93	284	139218	46.484	ng	#	89
68) Atrazine	11.02	200	89935	29.167	ng		99
69) Pentachlorophenol	11.13	266	113604	88.771	ng		97
70) Phenanthrene	11.35	178	700075	44.610	ng		98
71) Anthracene	11.40	178	720509	45.231	ng		100
72) Carbazole	11.56	167	515316	34.401	ng		98
73) Di-n-butylphthalate	11.88	149	928325	48.587	ng		98
74) Fluoranthene	12.58	202	617209	37.845	ng		97
77) Pyrene	12.83	202	611427	49.849	ng		100
79) Butylbenzylphthalate	13.52	149	321300	53.196	ng		89
80) Benzo(a)anthracene	14.22	228	459412	44.927	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	34441	9.279	ng		96
82) Chrysene	14.26	228	439712	45.739	ng		97
83) Bis(2-ethylhexyl)phthalate	14.19	149	473099	55.777	ng		99
84) Di-n-octyl phthalate	15.00	149	717061	49.255	ng	#	93

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 02 05:33:10 2017
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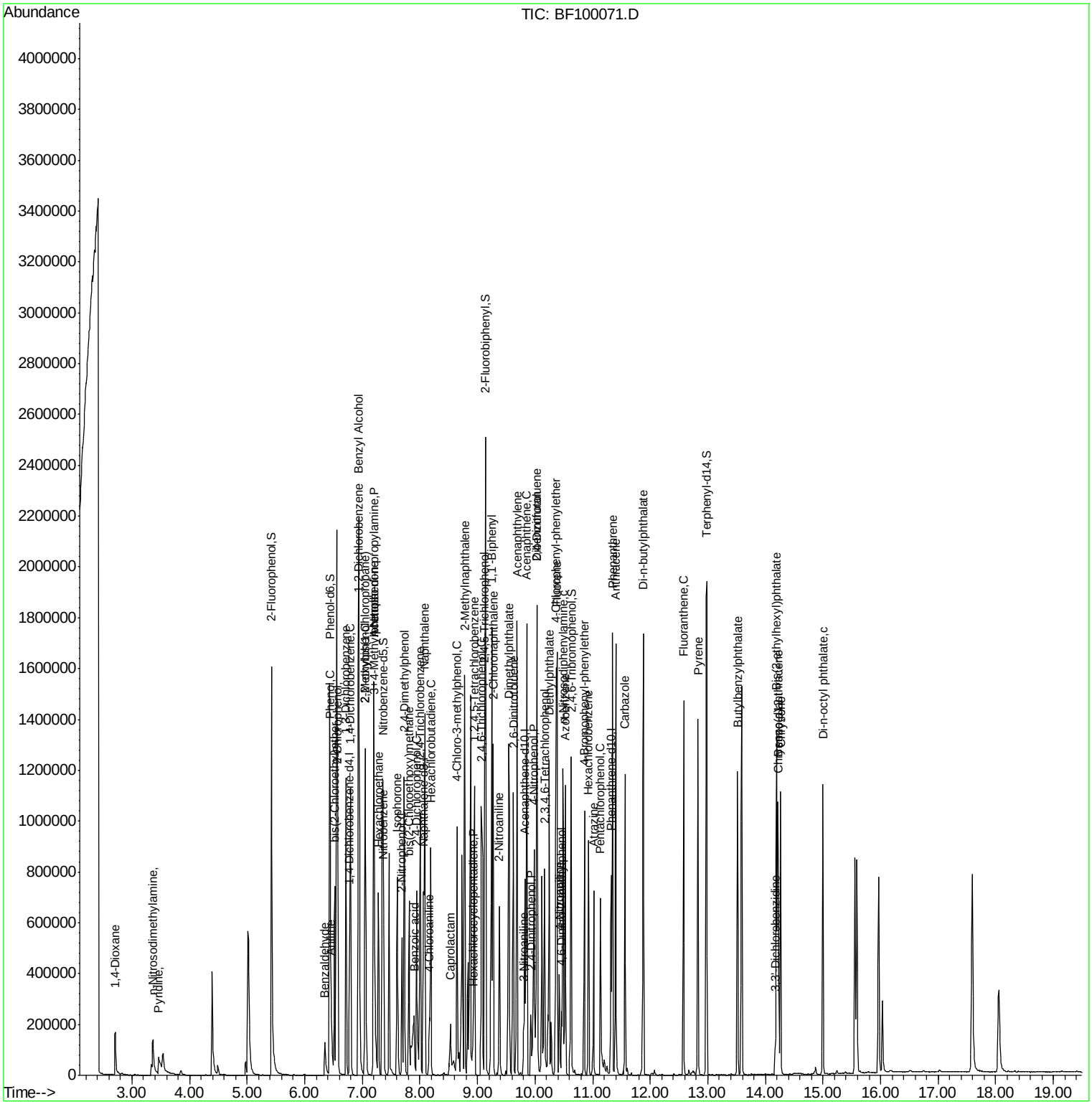
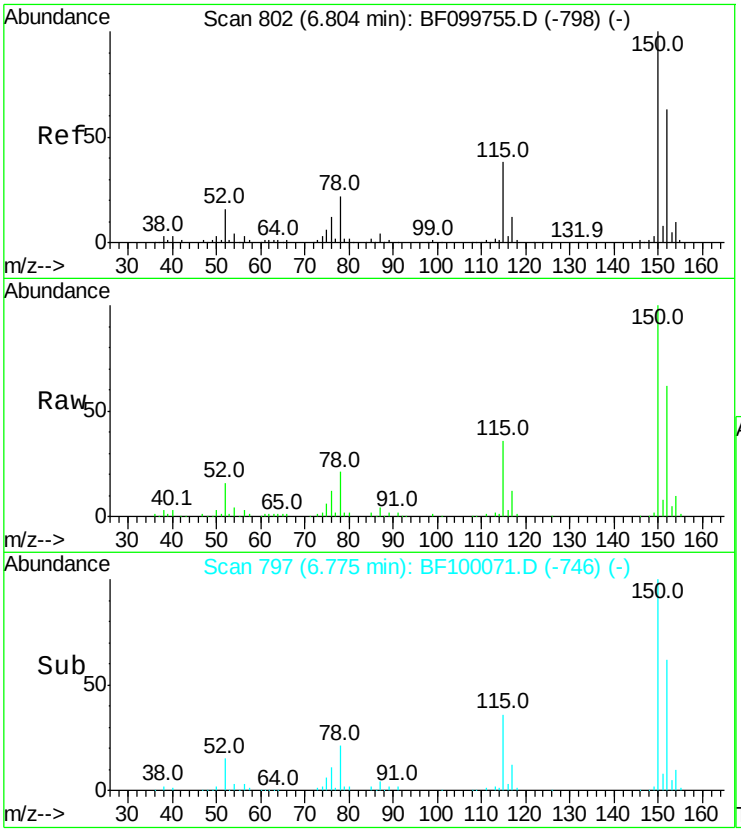
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



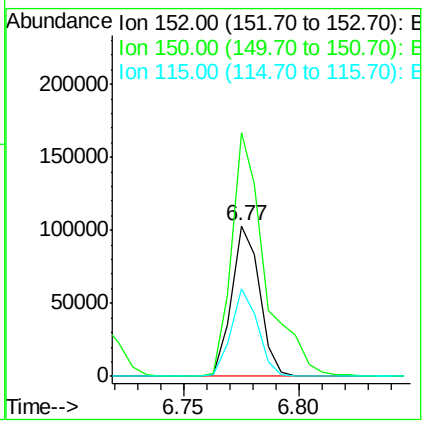


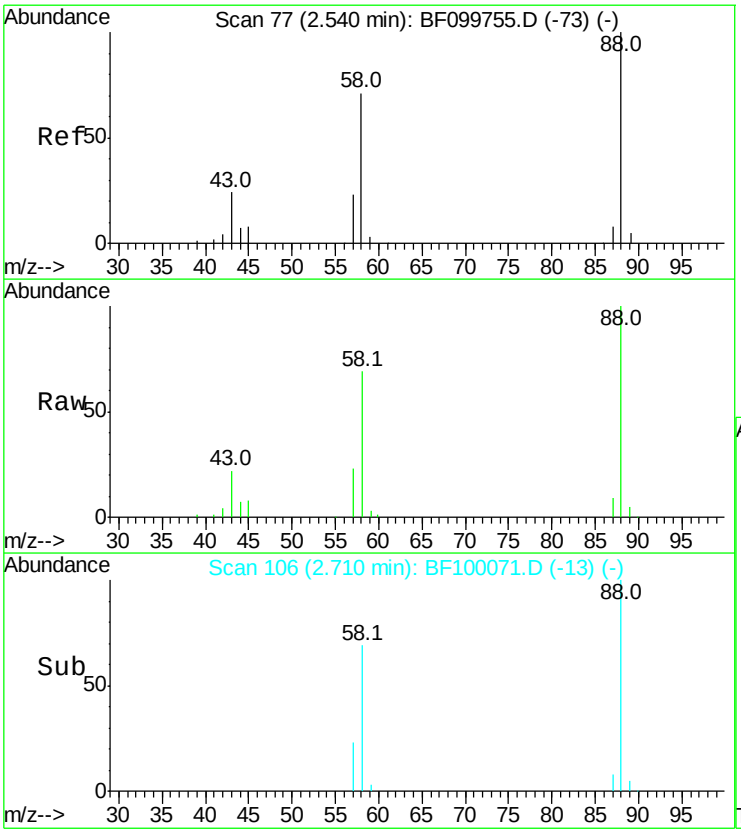
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87267

Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	58.0	50.1	75.1

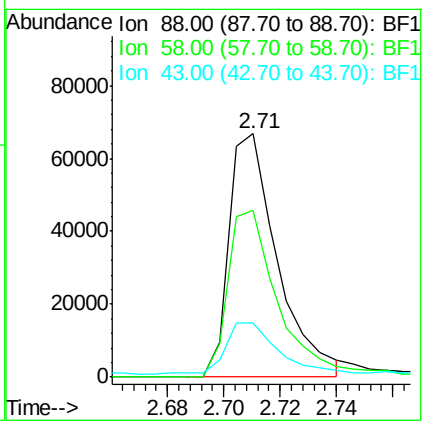


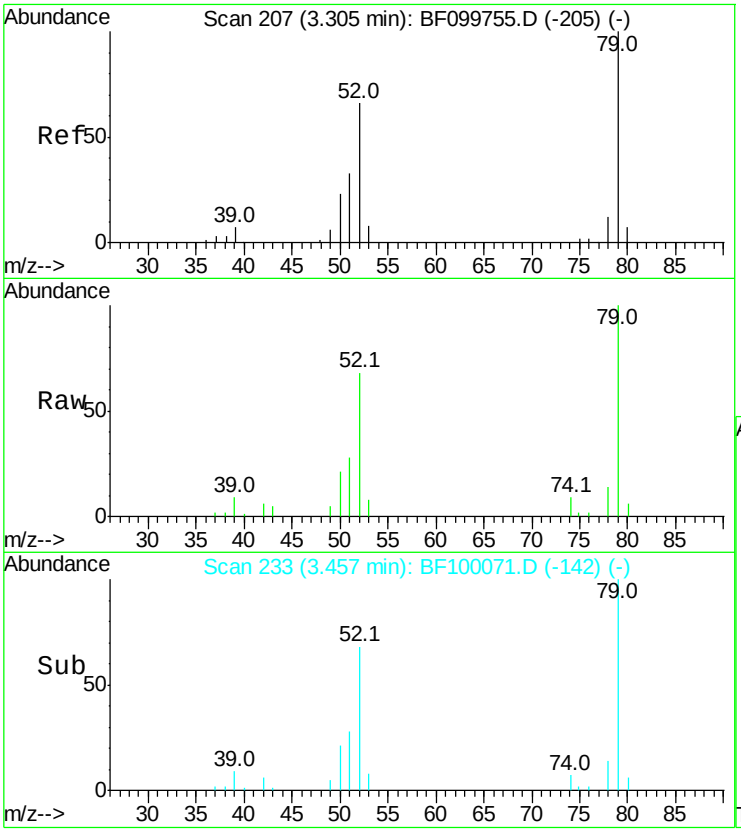


#2
1,4-Dioxane
Concen: 32.384 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.25 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 88 Resp: 79491

Ion	Ratio	Lower	Upper
88	100		
58	69.5	62.6	93.8
43	0.0	24.6	37.0#



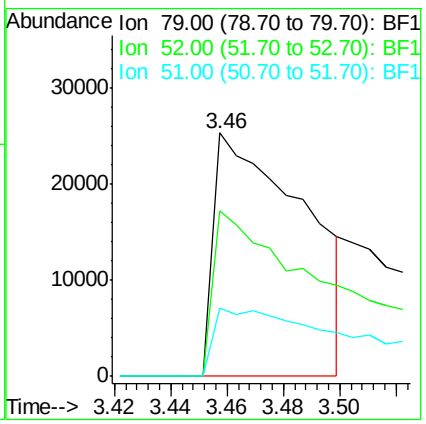


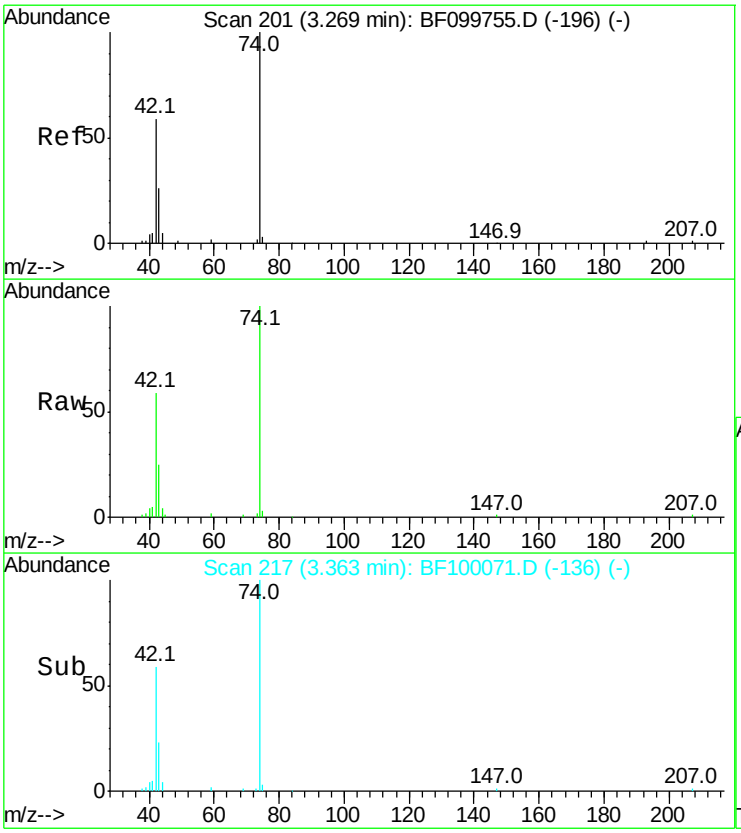
#3
Pyridine
Concen: 9.480 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.24 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 55959

Ion	Ratio	Lower	Upper
79	100		
52	68.0	59.8	89.6
51	28.1	29.8	44.8#

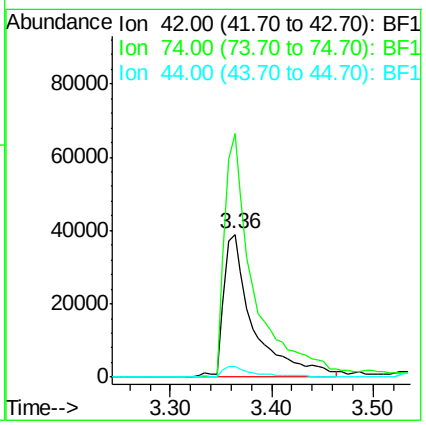


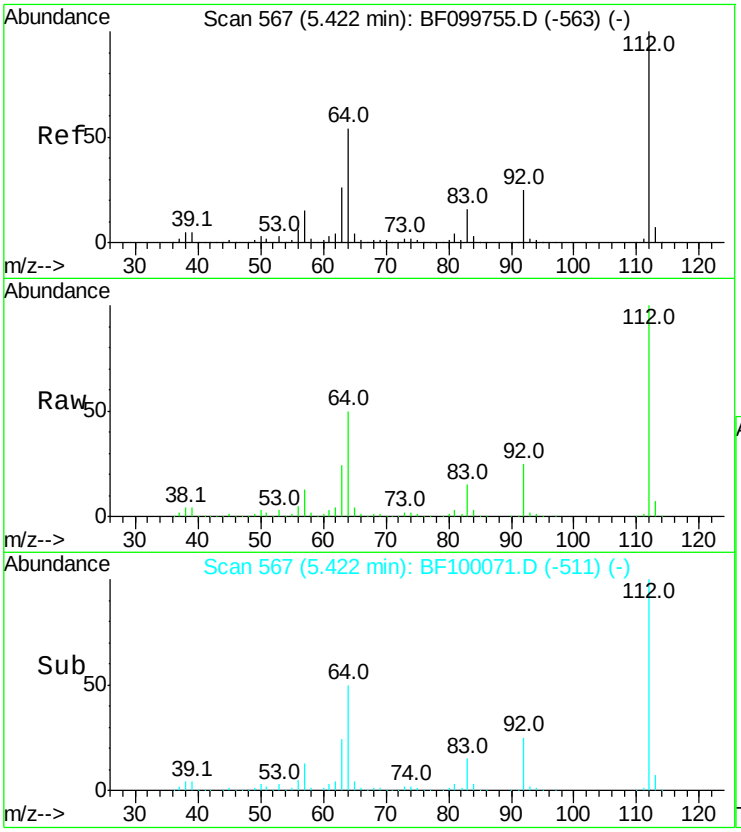


#4
n-Nitrosodimethylamine
Concen: 37.691 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.18 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 42 Resp: 79482

Ion	Ratio	Lower	Upper
42	100		
74	170.5	104.9	157.3#
44	7.3	6.9	10.3



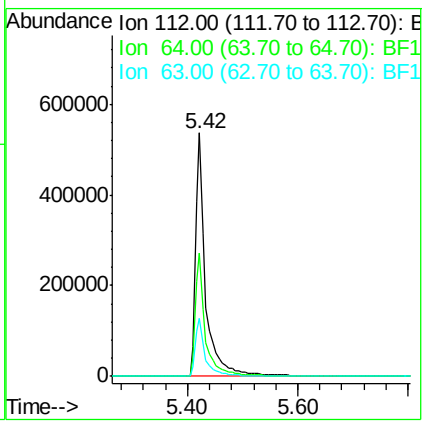


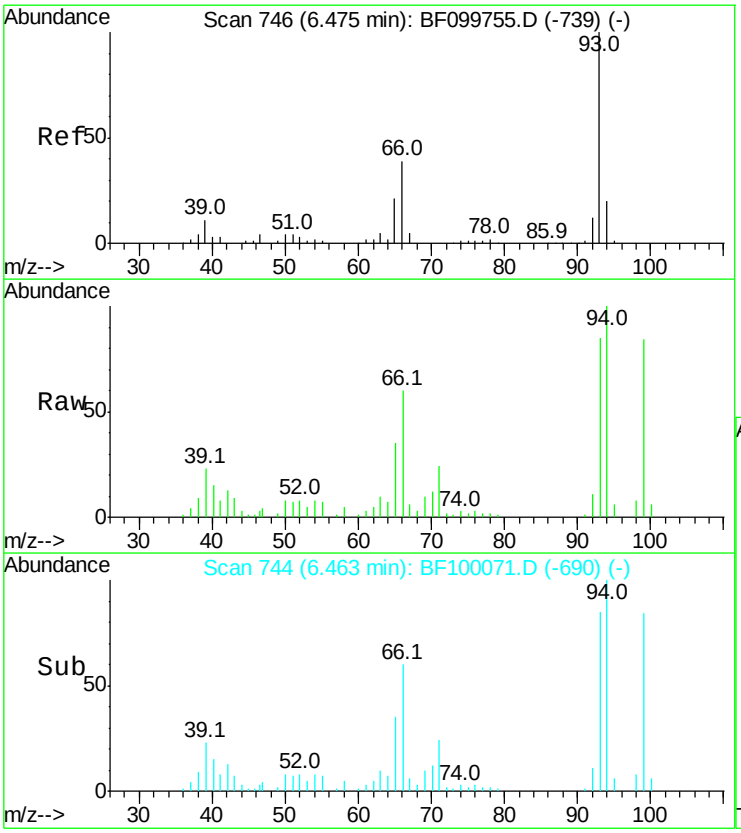
#5
2-Fluorophenol
Concen: 122.249 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 679522

Ion	Ratio	Lower	Upper
112	100		
64	50.5	47.9	71.9
63	23.9	23.7	35.5

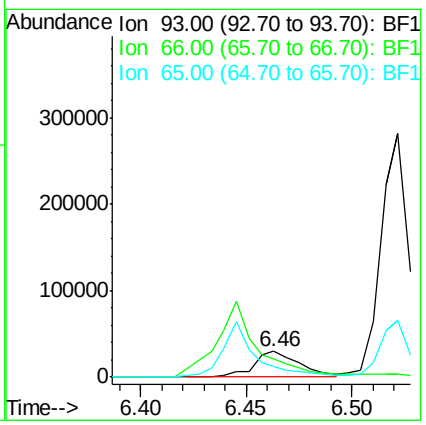


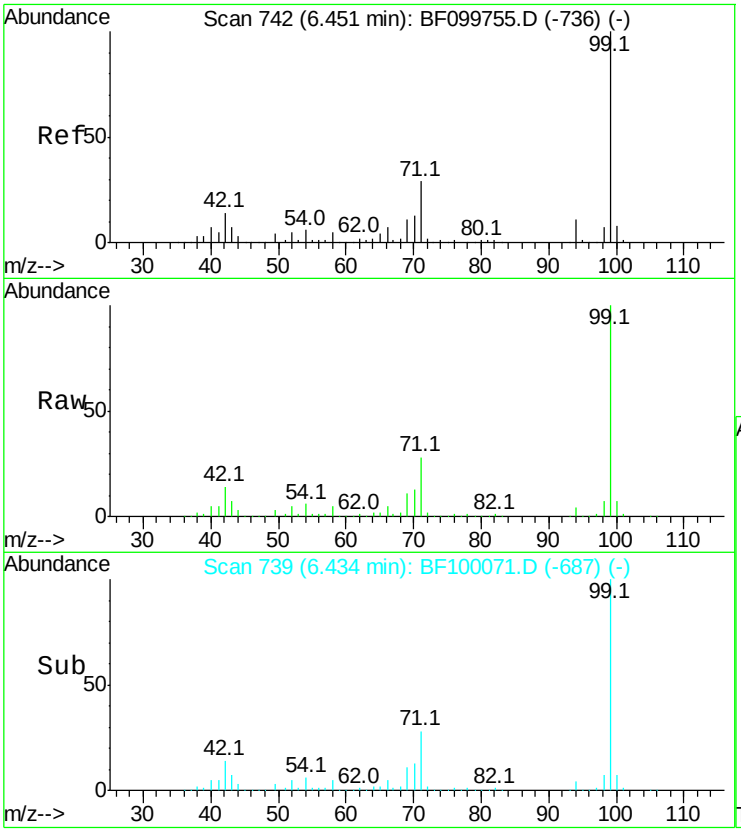


#6
Aniline
Concen: 5.329 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.02 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 93 Resp: 45542

Ion	Ratio	Lower	Upper
93	100		
66	70.9	32.2	48.2#
65	41.1	16.4	24.6#



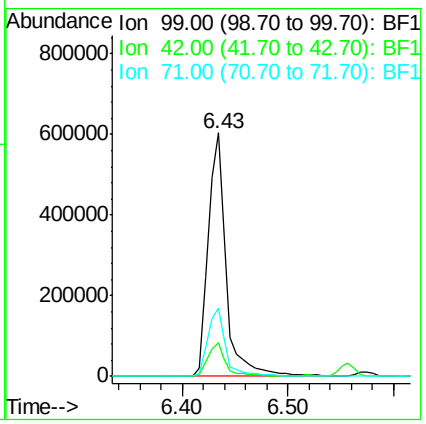


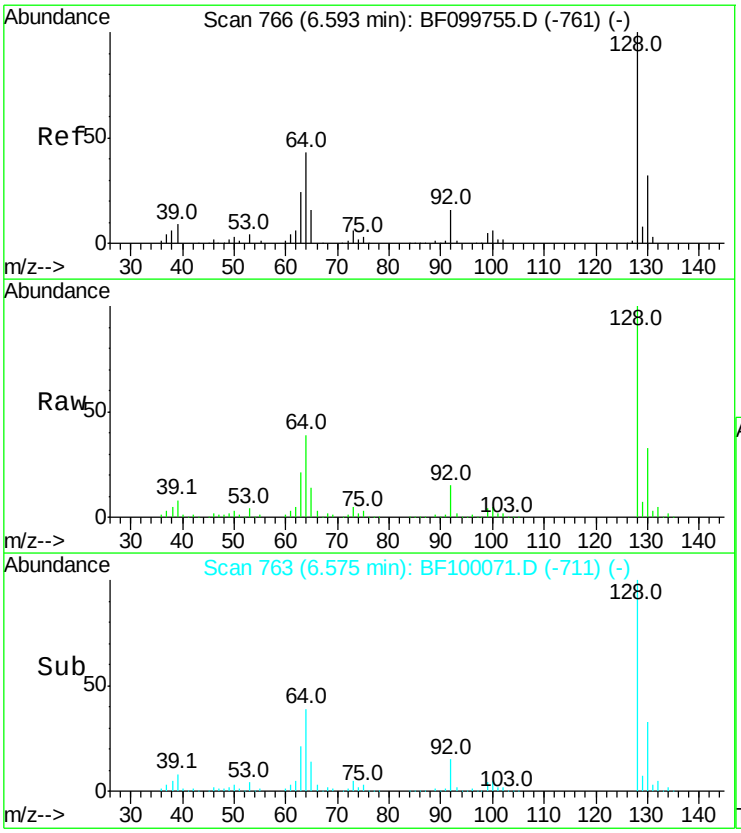
#7
Phenol-d6
Concen: 110.639 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 729207

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	27.9	25.4	38.0

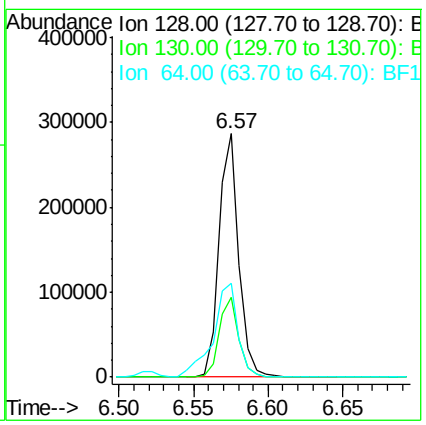


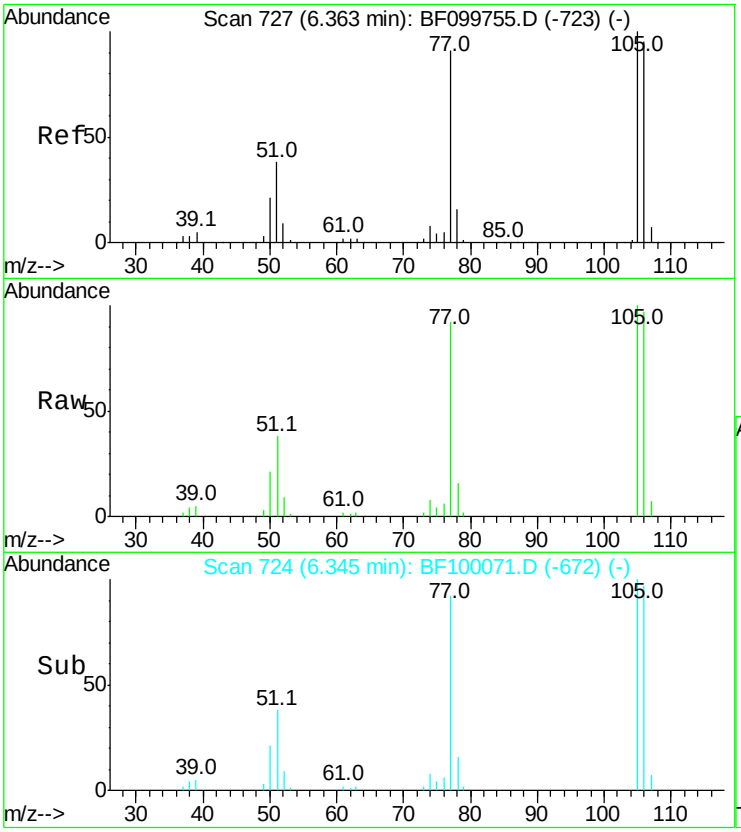


#8
2-Chlorophenol
Concen: 44.966 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:128 Resp: 266389

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	38.6	29.4	69.4



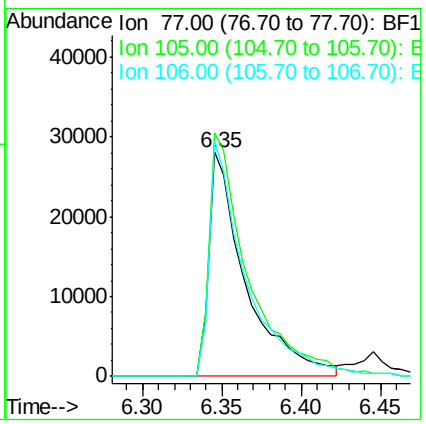


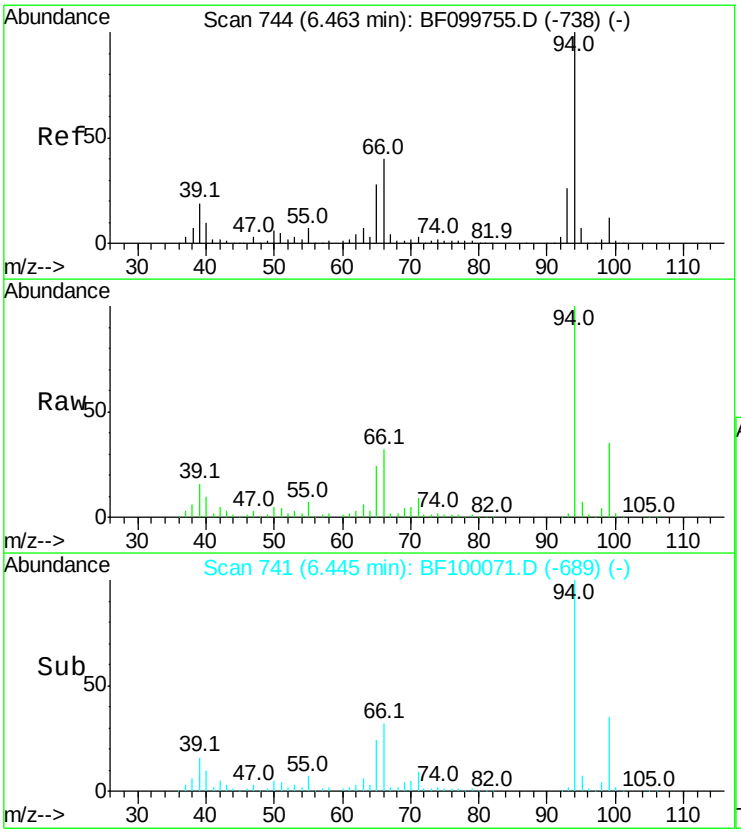
#9
Benzaldehyde
Concen: 11.548 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 45483

Ion	Ratio	Lower	Upper
77	100		
105	108.6	81.1	121.1
106	104.8	74.5	114.5

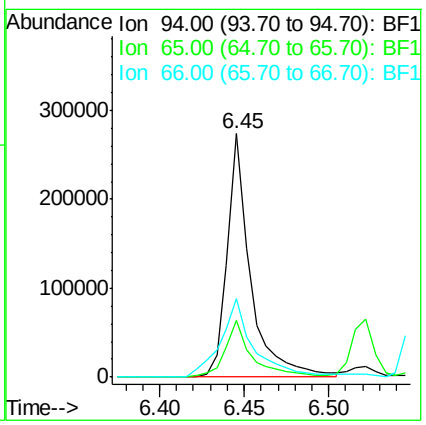


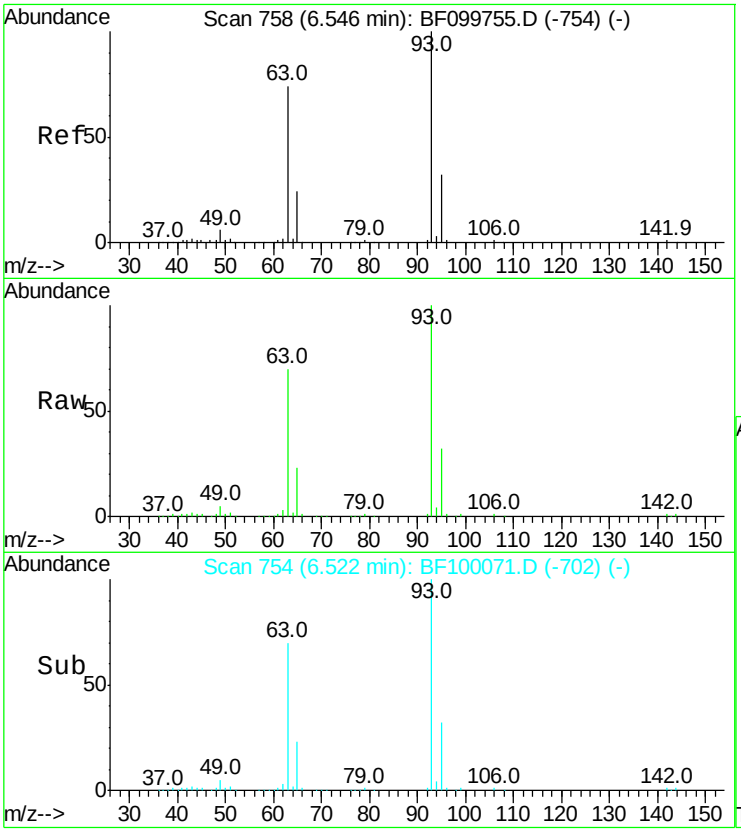


#10
Phenol
Concen: 36.207 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 94 Resp: 262011

Ion	Ratio	Lower	Upper
94	100		
65	23.5	7.9	47.9
66	32.2	16.2	56.2



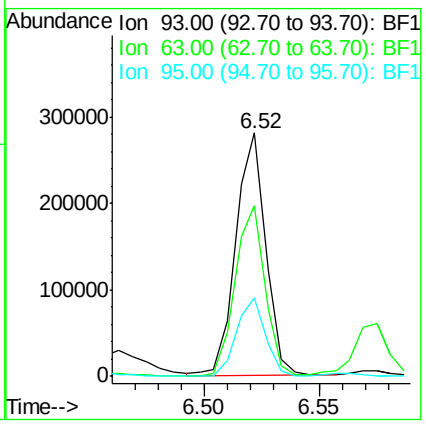


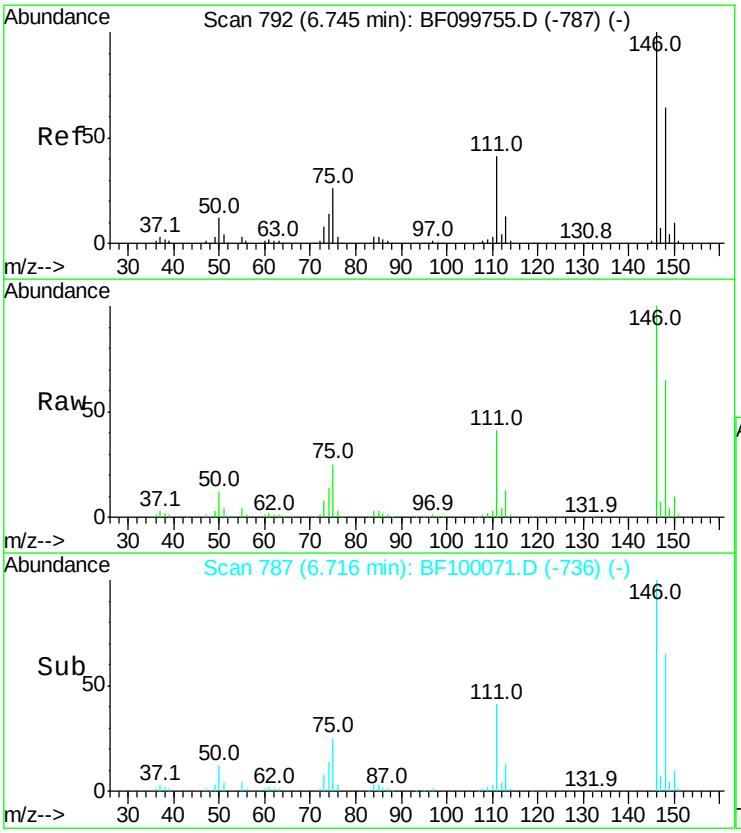
#11
bis(2-Chloroethyl)ether
Concen: 45.352 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 253429

Ion	Ratio	Lower	Upper
93	100		
63	69.9	58.6	98.6
95	32.2	11.8	51.8

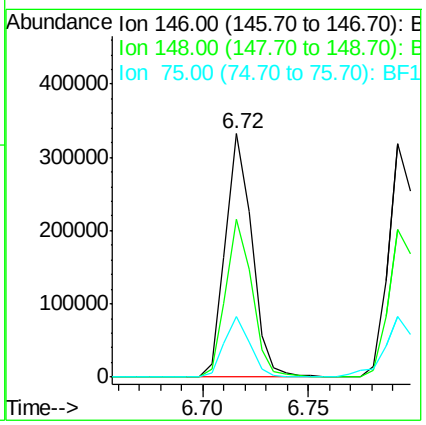


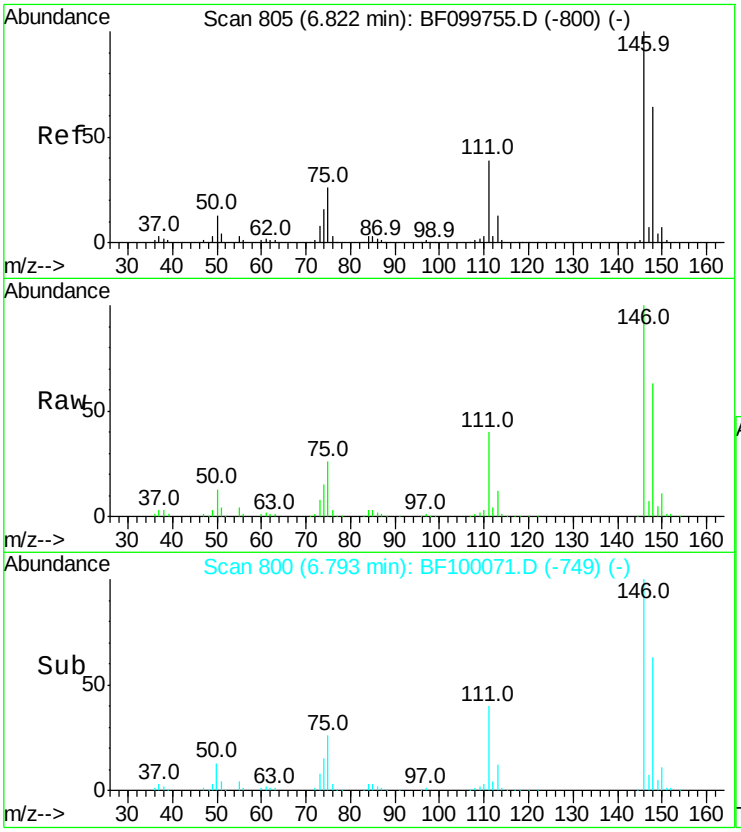


#12
1,3-Dichlorobenzene
Concen: 43.444 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:146 Resp: 288979

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	24.7	24.2	36.4



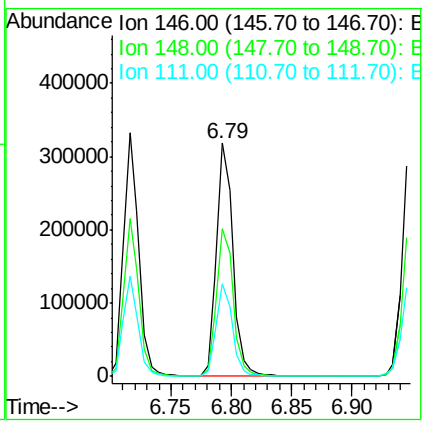


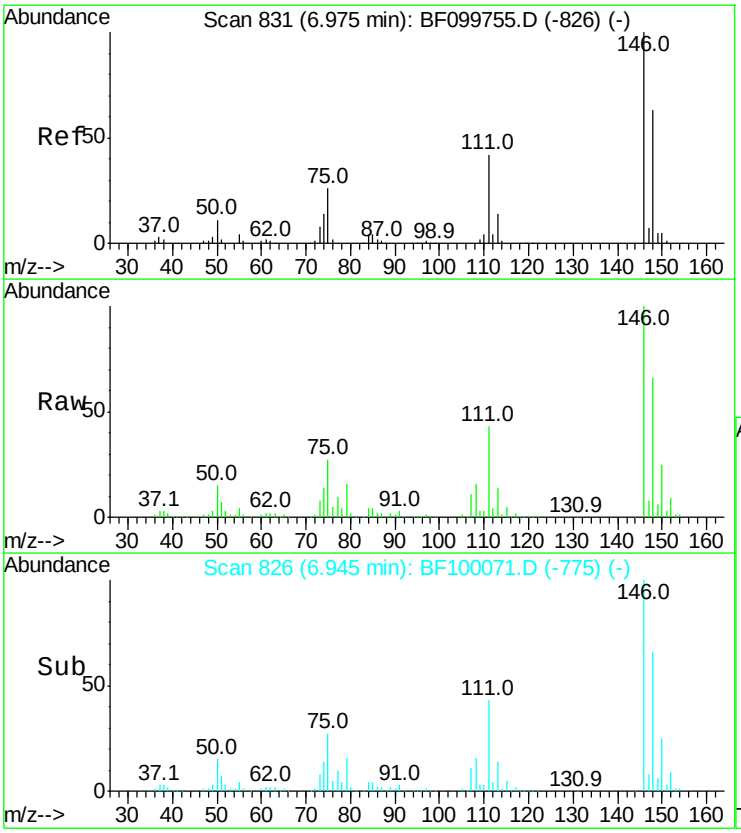
#13
1,4-Dichlorobenzene
Concen: 44.050 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 297385

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	39.6	34.2	51.2

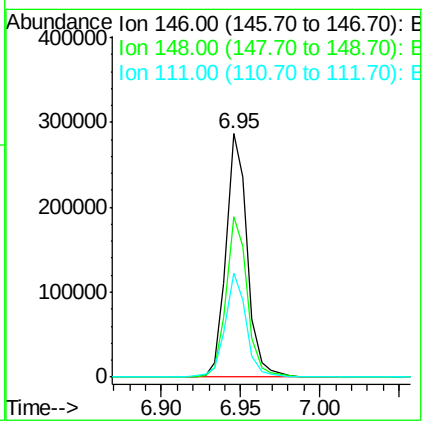


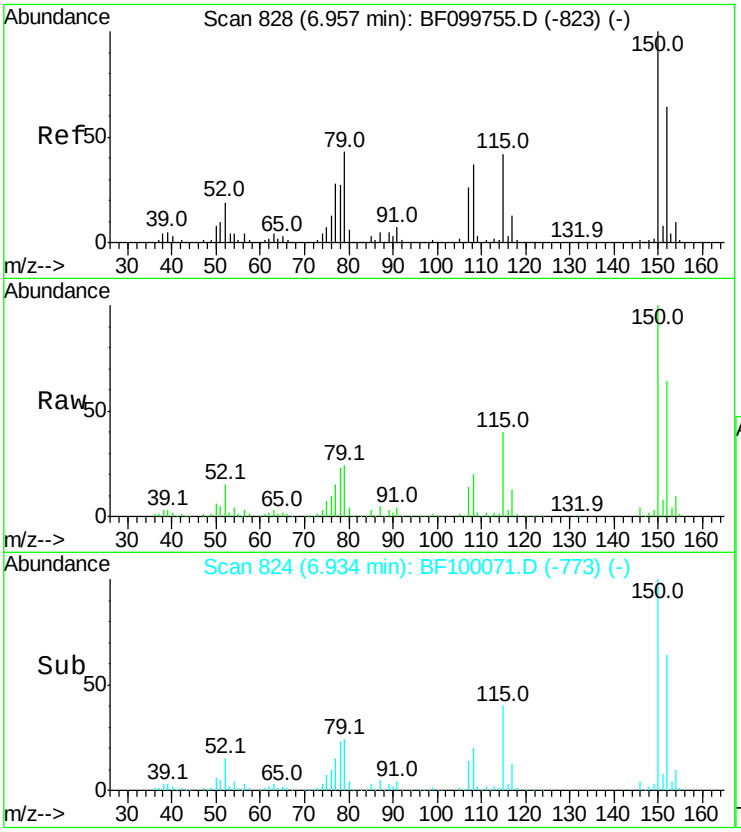


#14
1,2-Dichlorobenzene
Concen: 43.263 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:146 Resp: 266189

Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	75.8
111	42.5	36.0	54.0



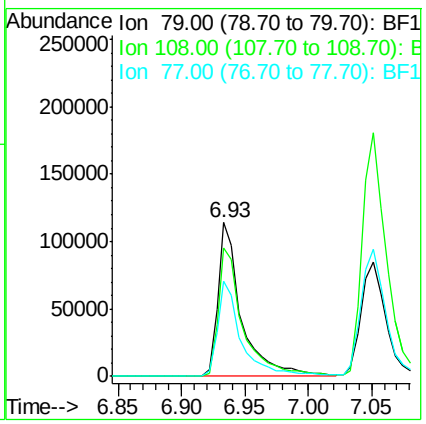


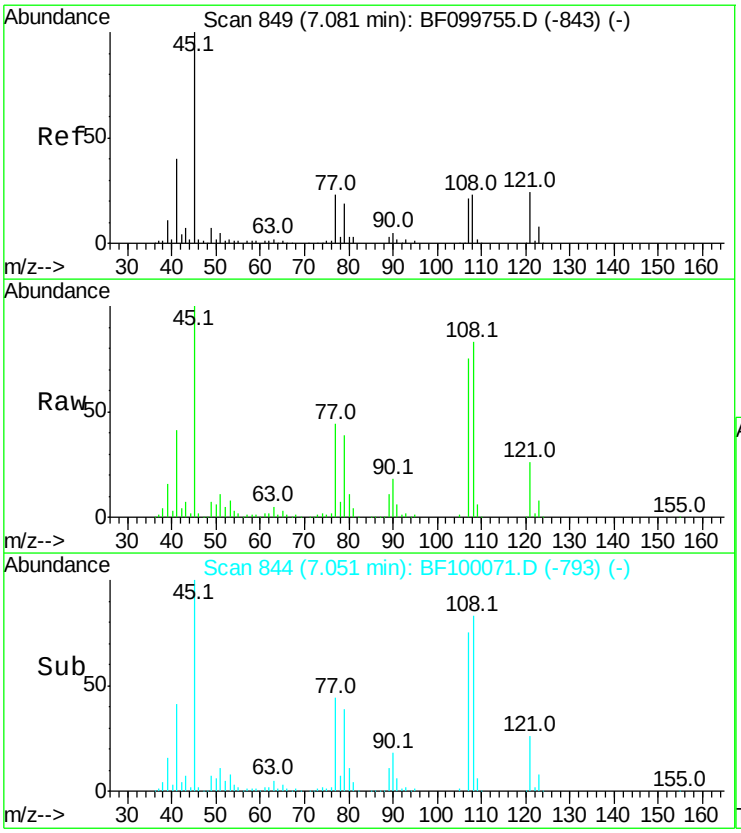
#15
Benzyl Alcohol
Concen: 35.451 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 148596

Ion	Ratio	Lower	Upper
79	100		
108	83.7	65.1	97.7
77	62.0	50.6	75.8

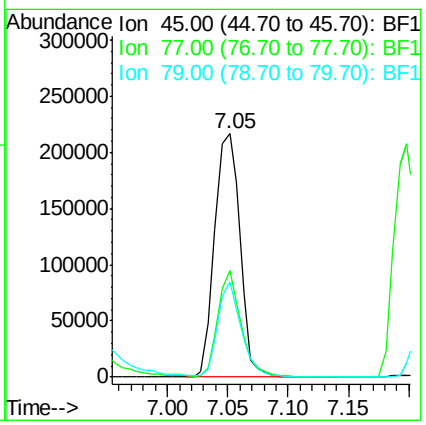


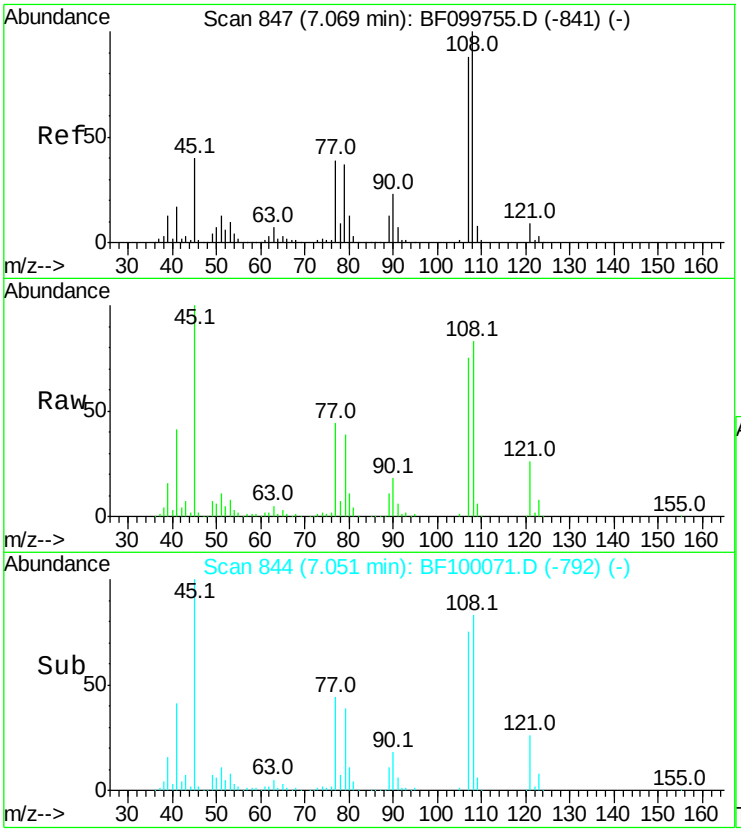


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.592 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 45 Resp: 314051

Ion	Ratio	Lower	Upper
45	100		
77	43.7	0.0	32.9#
79	39.0	0.0	29.6#



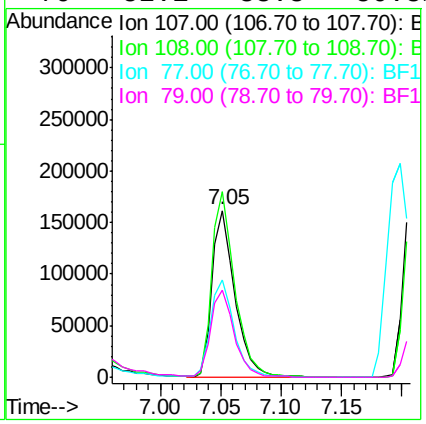


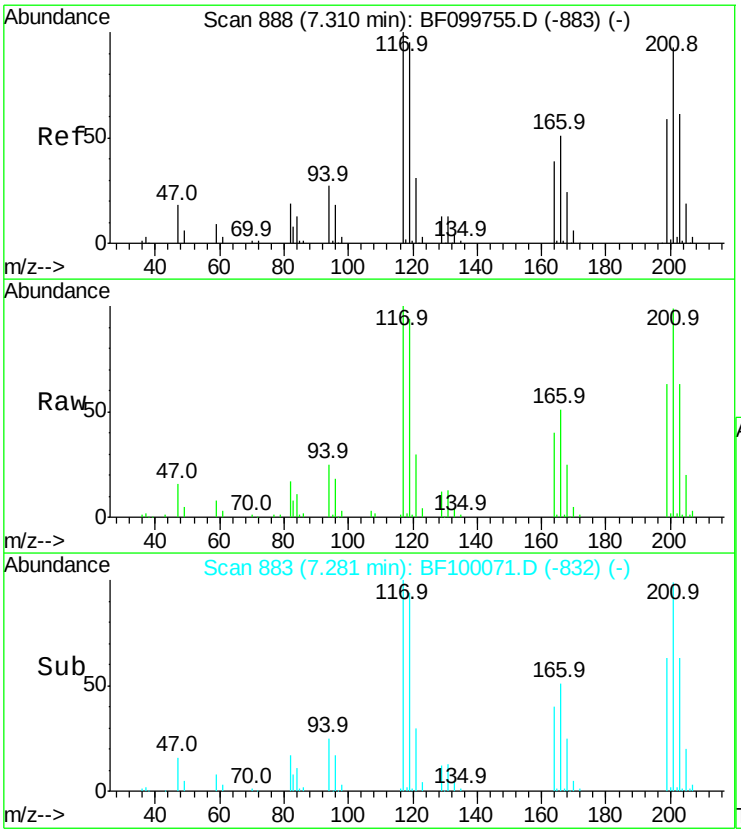
#17
2-Methylphenol
Concen: 42.519 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 210701

Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	58.4	33.8	50.8#
79	52.1	33.8	50.8#

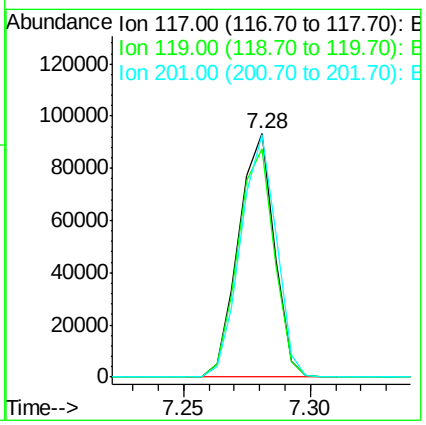


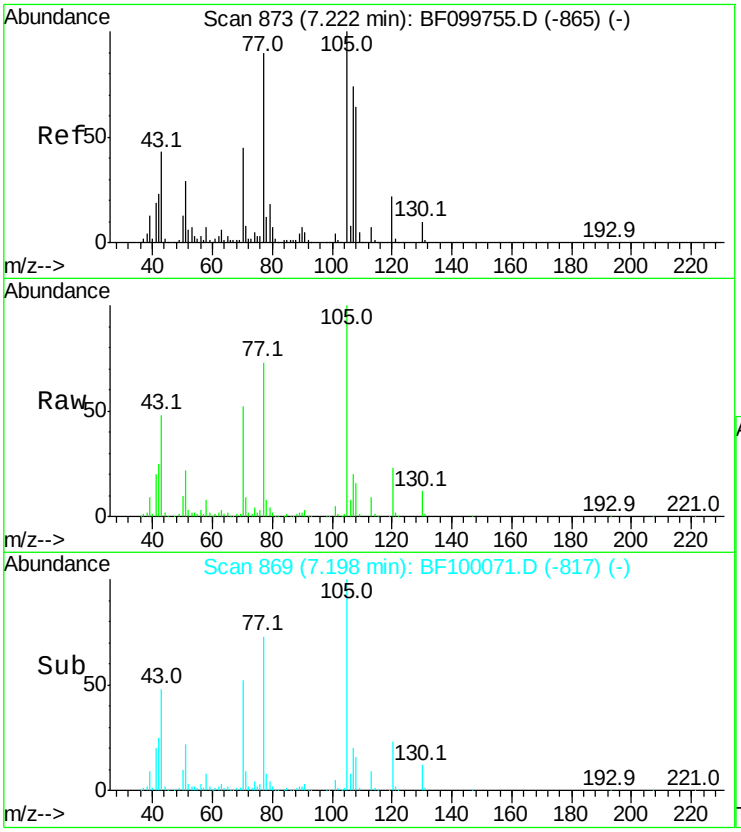


#18
Hexachloroethane
Concen: 40.756 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:117 Resp: 91796

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	99.4	75.7	113.5



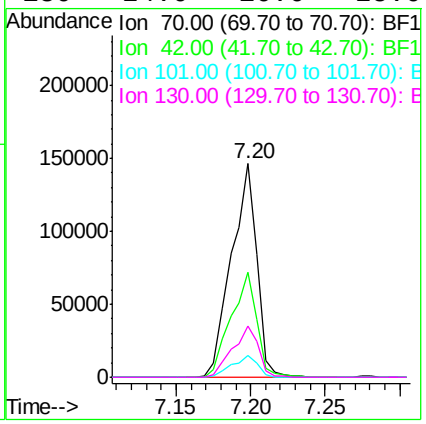


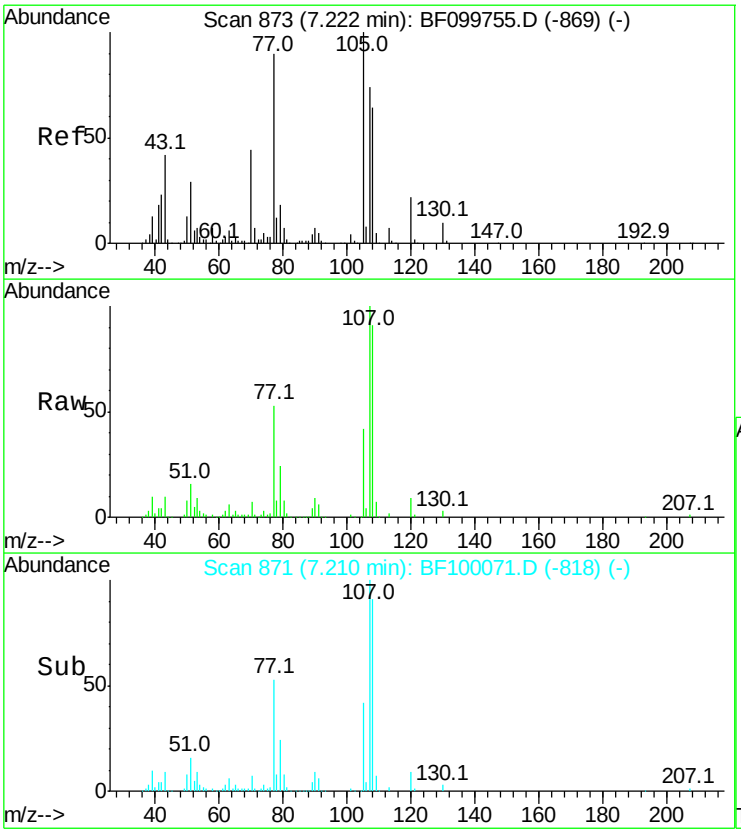
#19
n-Nitroso-di-n-propylamine
Concen: 45.292 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 174937

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	10.1	7.4	11.2
130	24.0	16.6	25.0

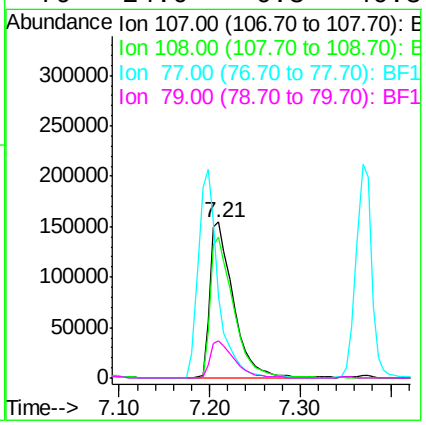


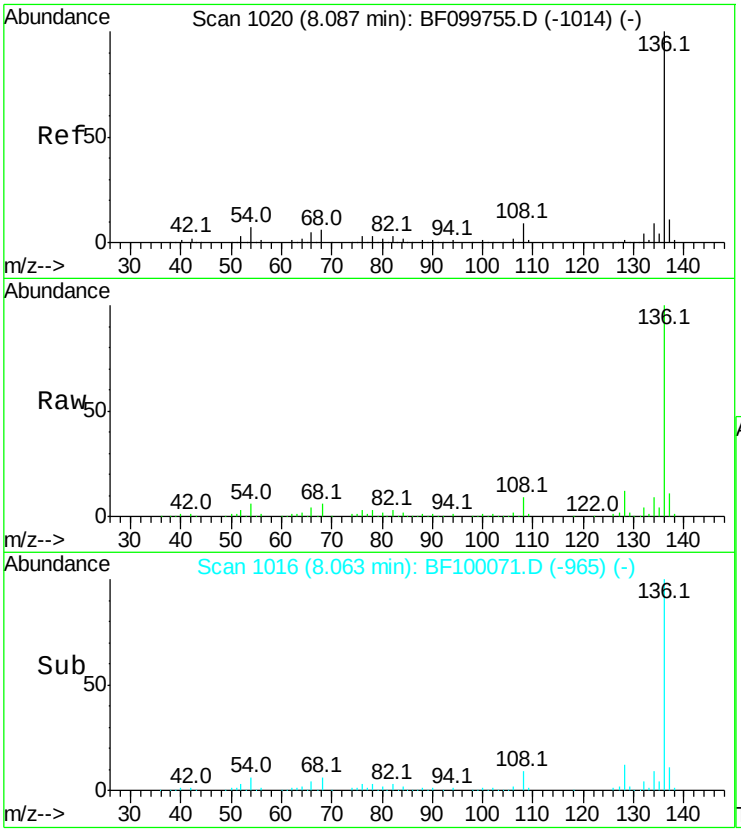


#20
3+4-Methylphenols
Concen: 48.189 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:107 Resp: 278052

Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	52.6	26.7	66.7
79	24.0	6.3	46.3



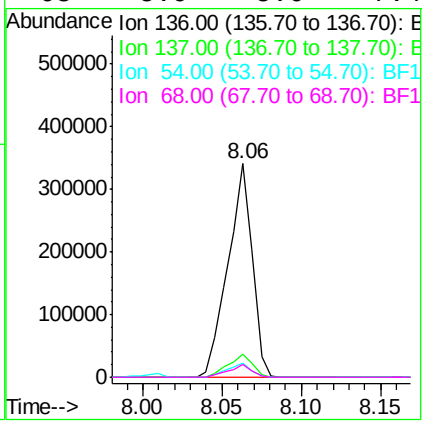


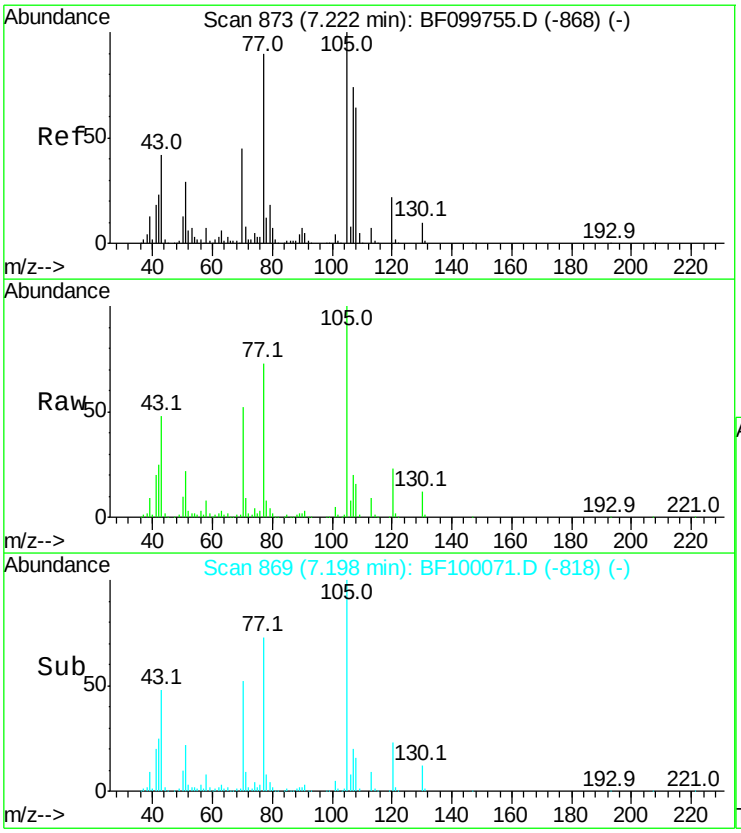
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 364658

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

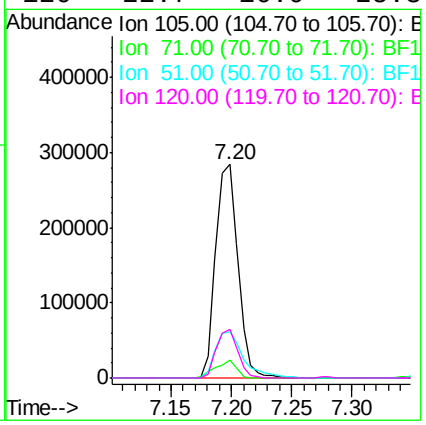


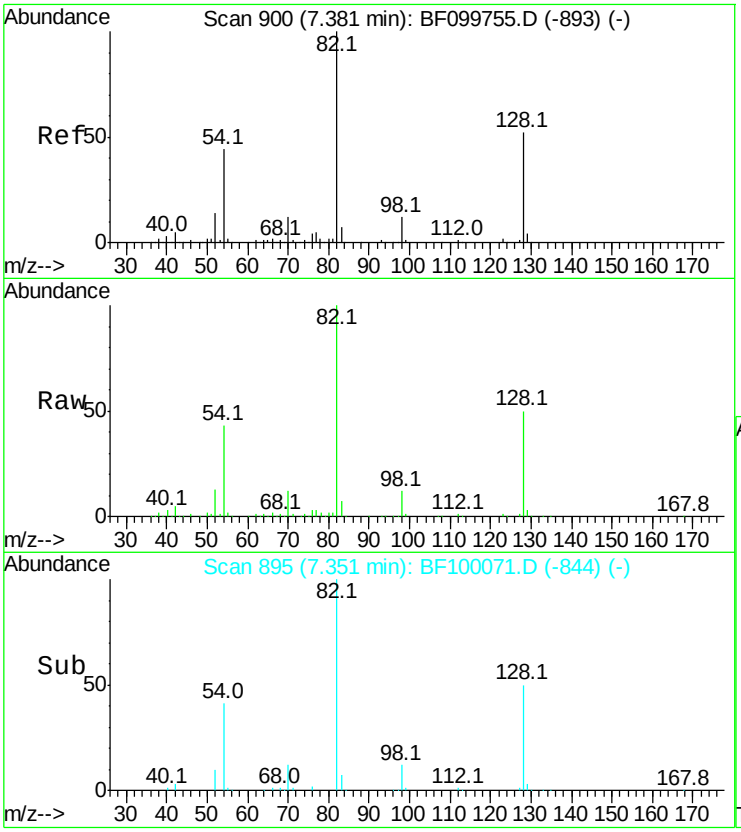


#22
Acetophenone
Concen: 43.494 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:105 Resp: 361132

Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	21.8	22.3	33.5#
120	22.7	16.9	25.3



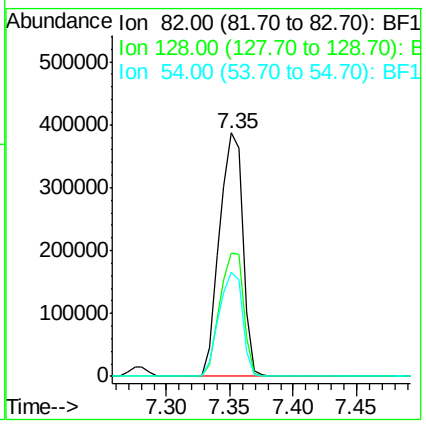


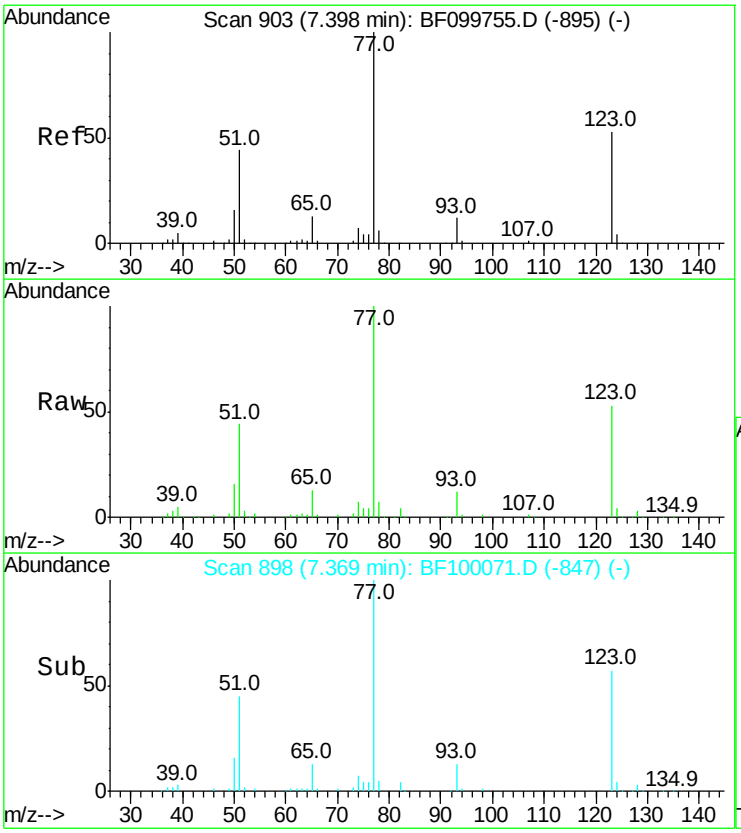
#23
Nitrobenzene-d5
Concen: 87.790 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 497254

Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	42.9	41.4	62.2

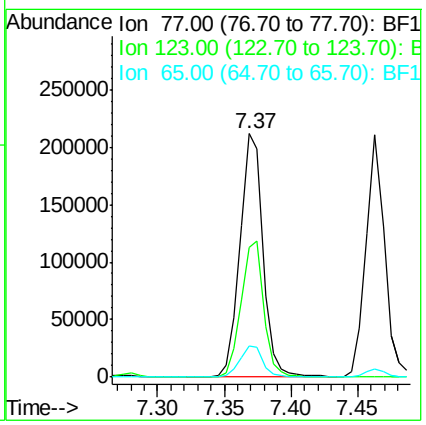


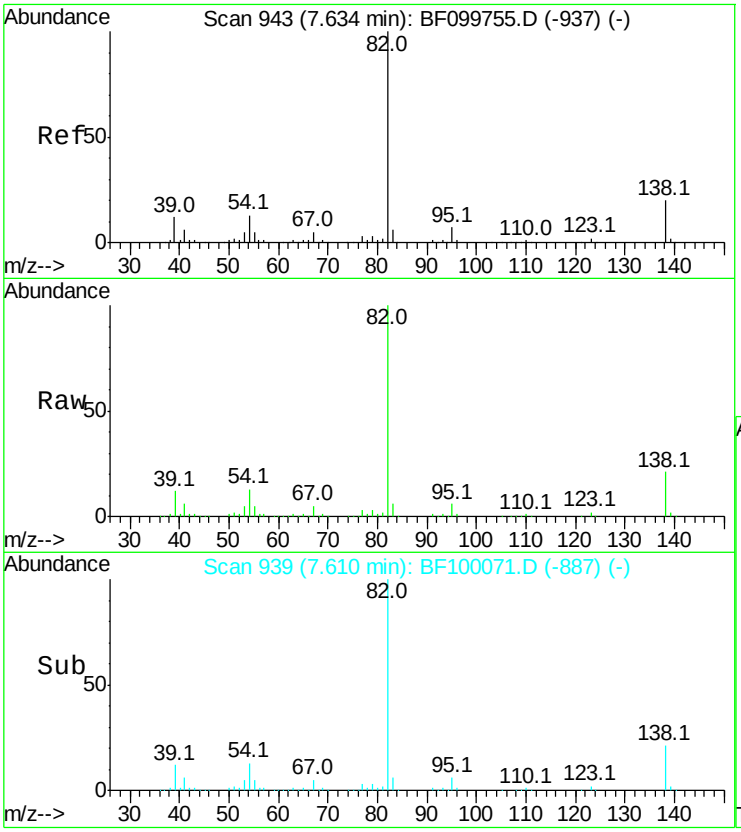


#24
Nitrobenzene
Concen: 44.272 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 77 Resp: 252665

Ion	Ratio	Lower	Upper
77	100		
123	53.4	37.9	56.9
65	12.6	11.0	16.4



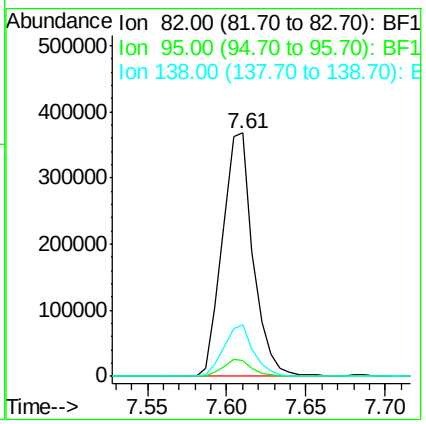


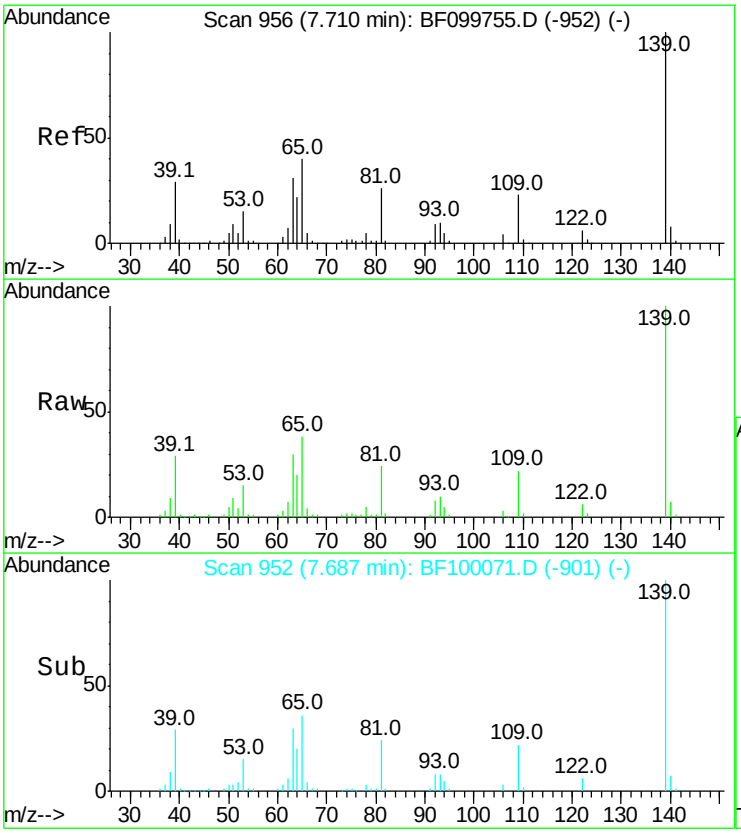
#25
Isophorone
Concen: 48.256 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 495971

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	21.2	14.9	22.3

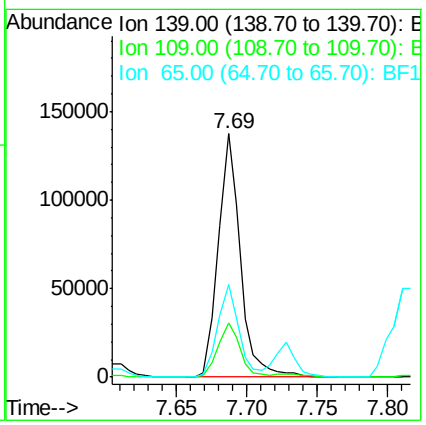


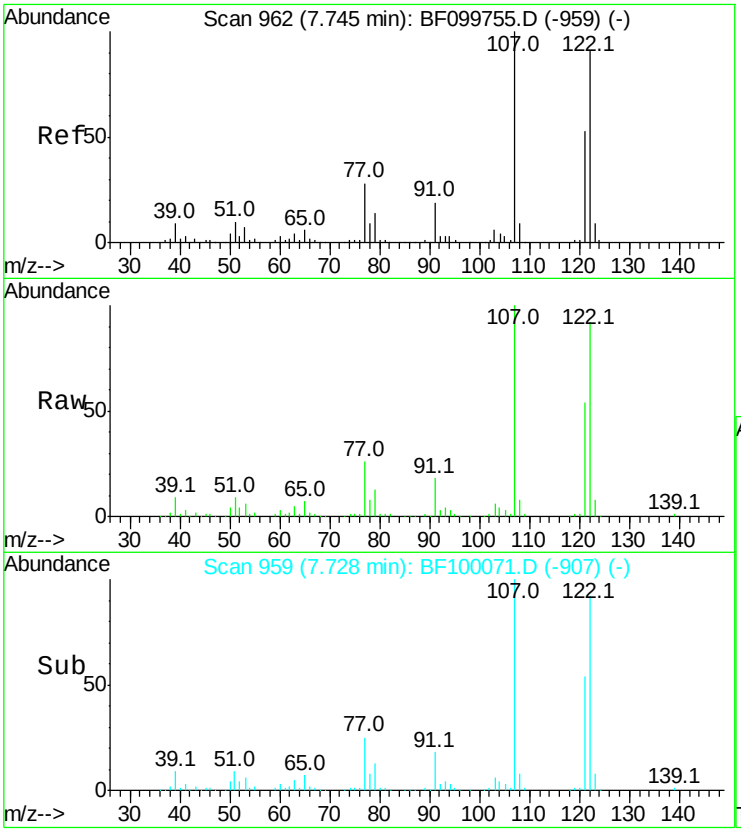


#26
2-Nitrophenol
Concen: 45.888 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:139 Resp: 149996

Ion	Ratio	Lower	Upper
139	100		
109	22.2	22.7	34.1#
65	38.1	40.5	60.7#



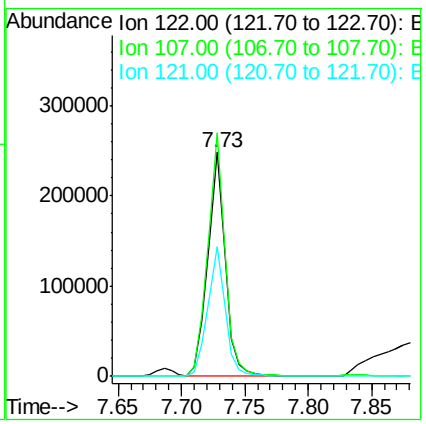


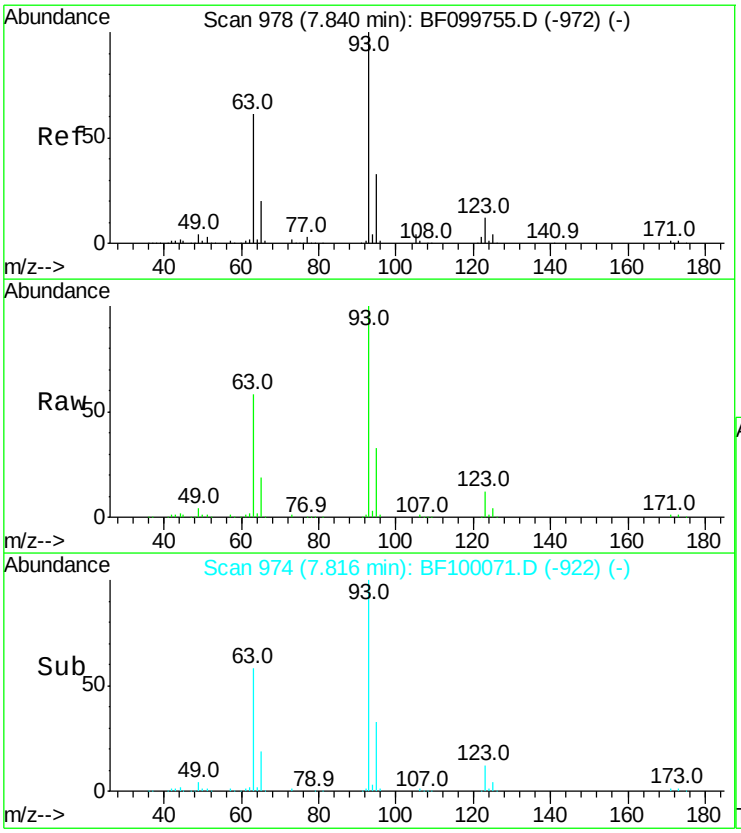
#27
2,4-Dimethylphenol
Concen: 50.807 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 244700

Ion	Ratio	Lower	Upper
122	100		
107	108.7	91.2	136.8
121	58.2	47.2	70.8

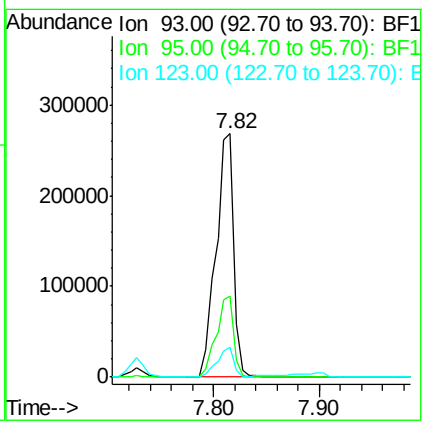


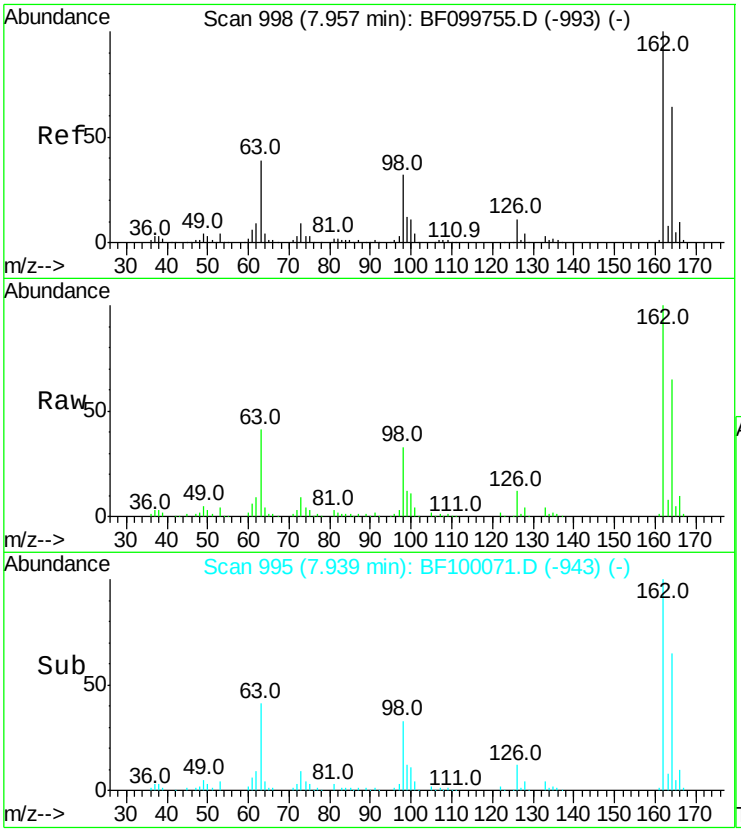


#28
bis(2-Chloroethoxy)methane
Concen: 44.125 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 93 Resp: 317615

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.1	9.8	14.6



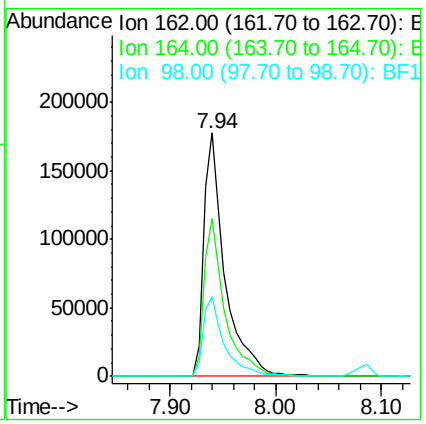


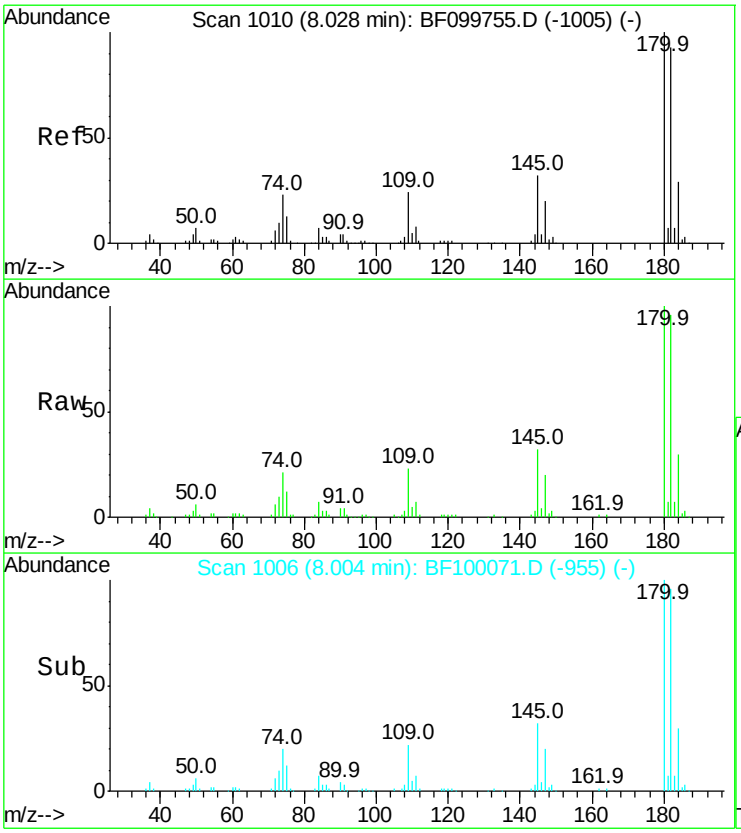
#29
2,4-Dichlorophenol
Concen: 48.798 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 244147

Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	32.7	18.1	58.1

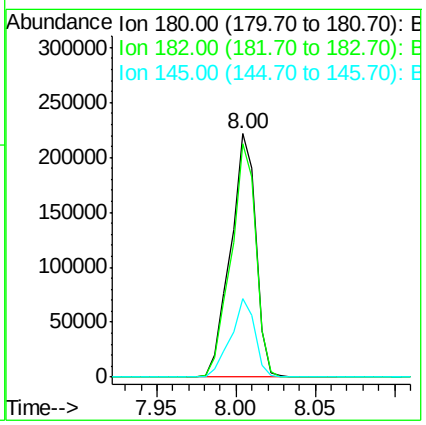


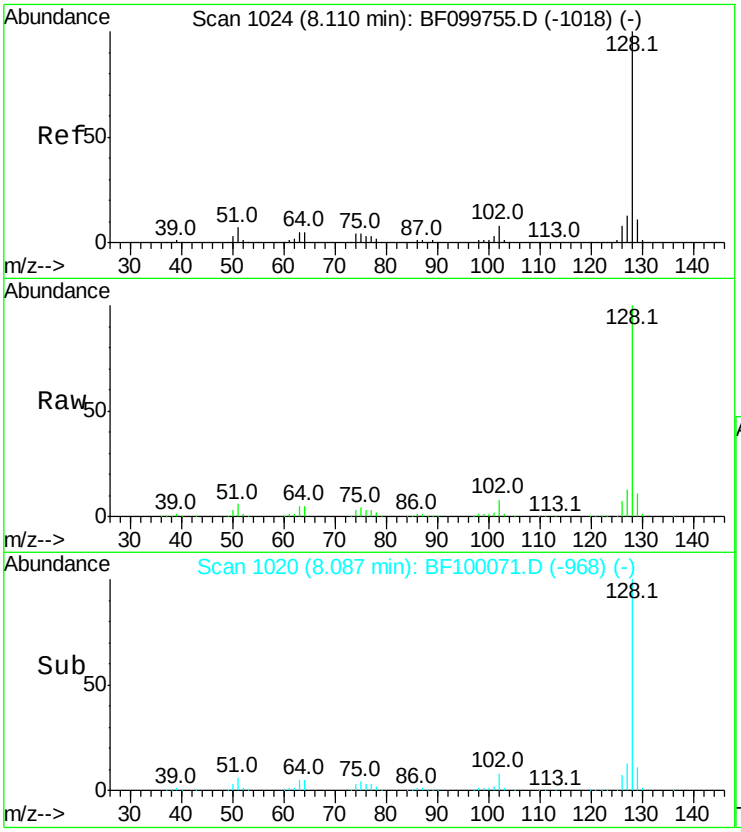


#30
1,2,4-Trichlorobenzene
Concen: 45.683 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:180 Resp: 244213

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	32.3	26.5	39.7

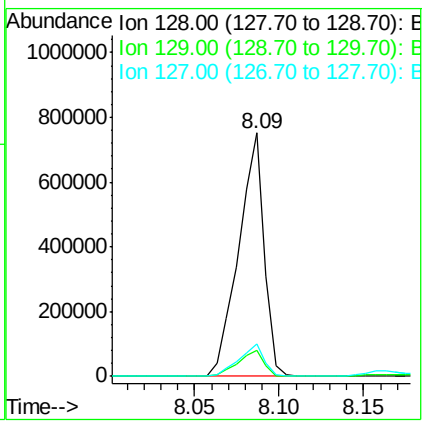




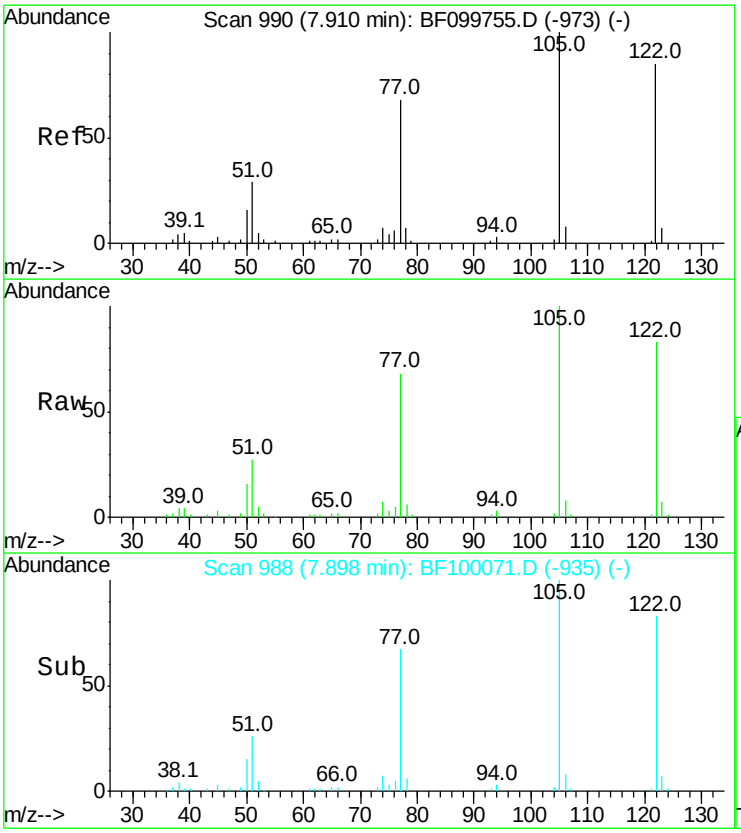
#31
Naphthalene
Concen: 45.096 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:128 Resp: 793796

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.4	10.9	16.3



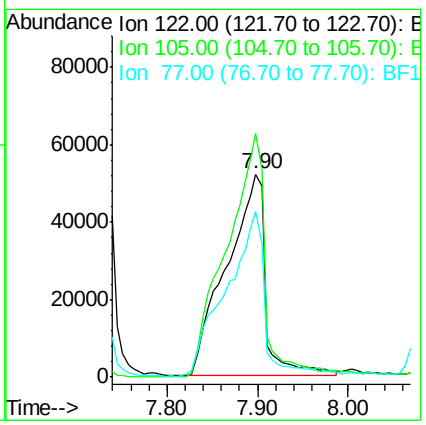
Instrument :
BNA_F
ClientSampleId :

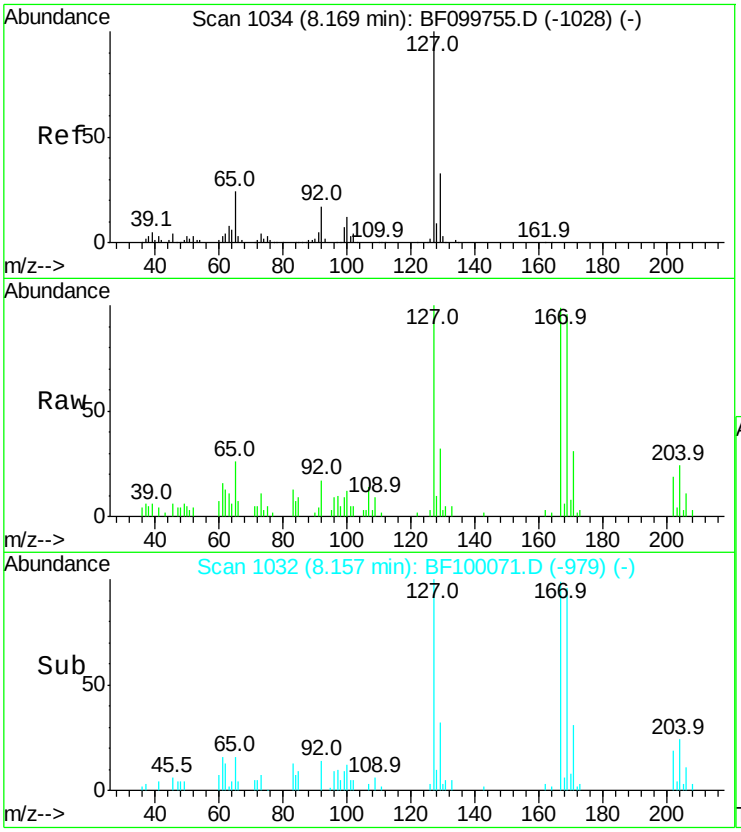


#32
Benzoic acid
Concen: 36.706 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:122 Resp: 155609

Ion	Ratio	Lower	Upper
122	100		
105	120.0	101.1	141.1
77	81.8	70.7	110.7



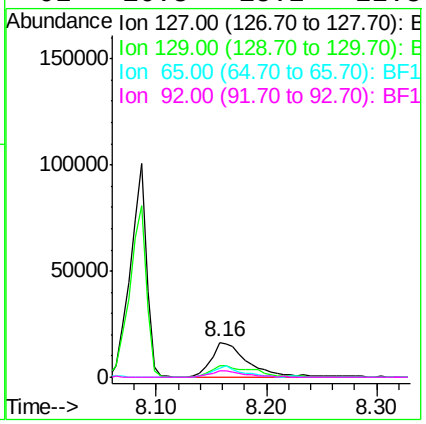


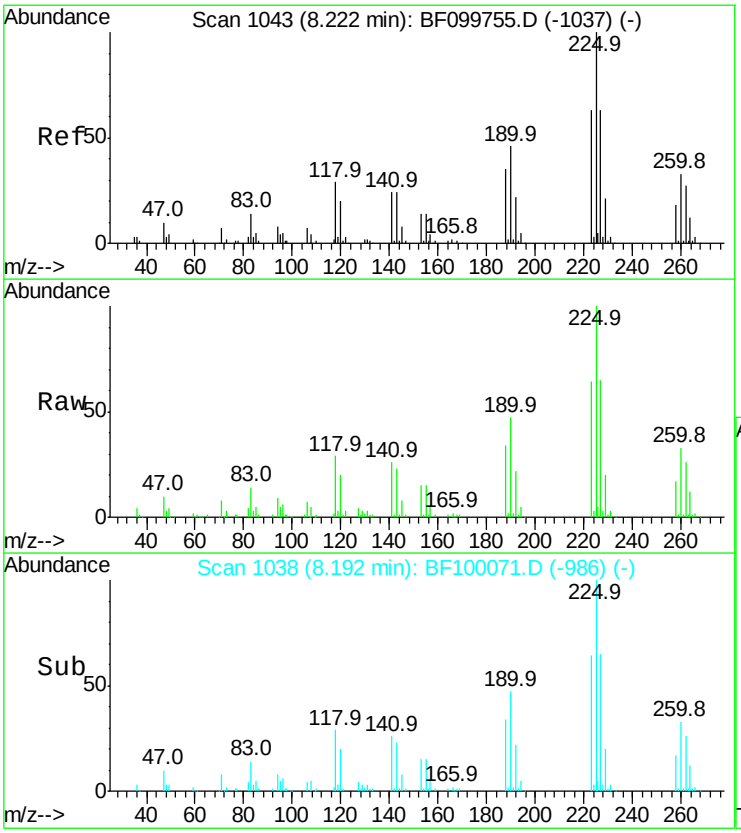
#33
4-Chloroaniline
Concen: 5.242 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 38103

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	26.3	25.0	37.4
92	16.8	15.2	22.8

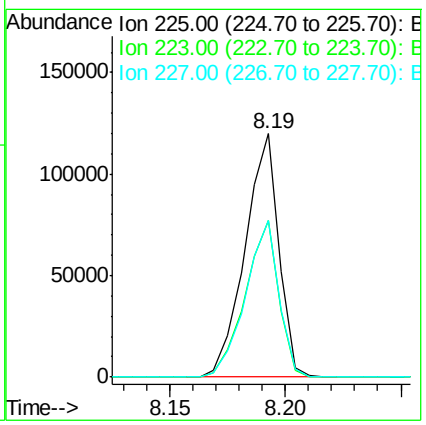


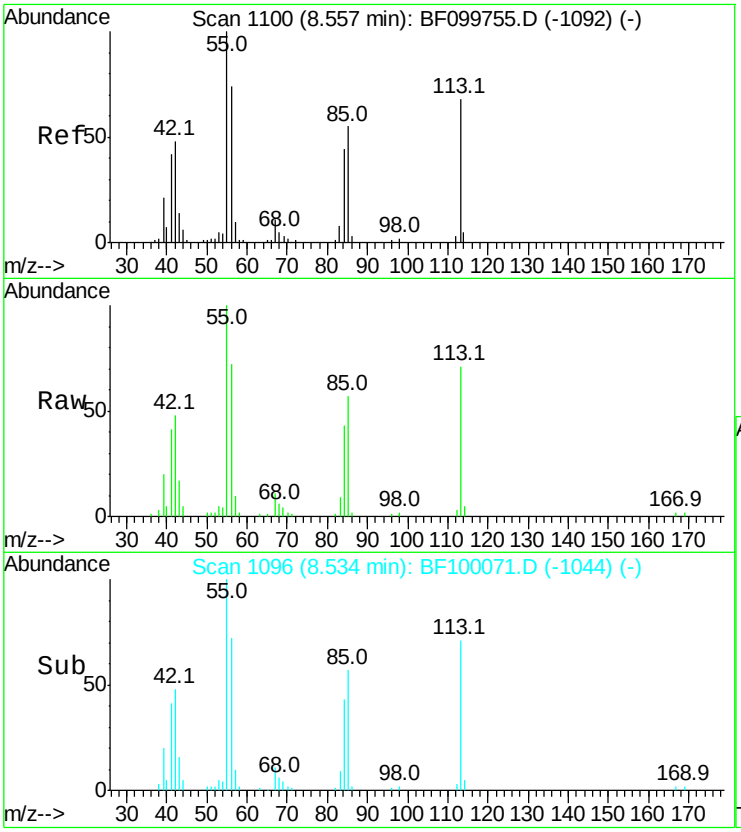


#34
Hexachlorobutadiene
Concen: 44.693 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:225 Resp: 122890

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.5	51.9	77.9



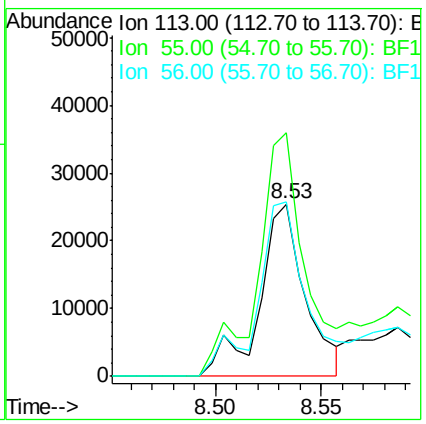


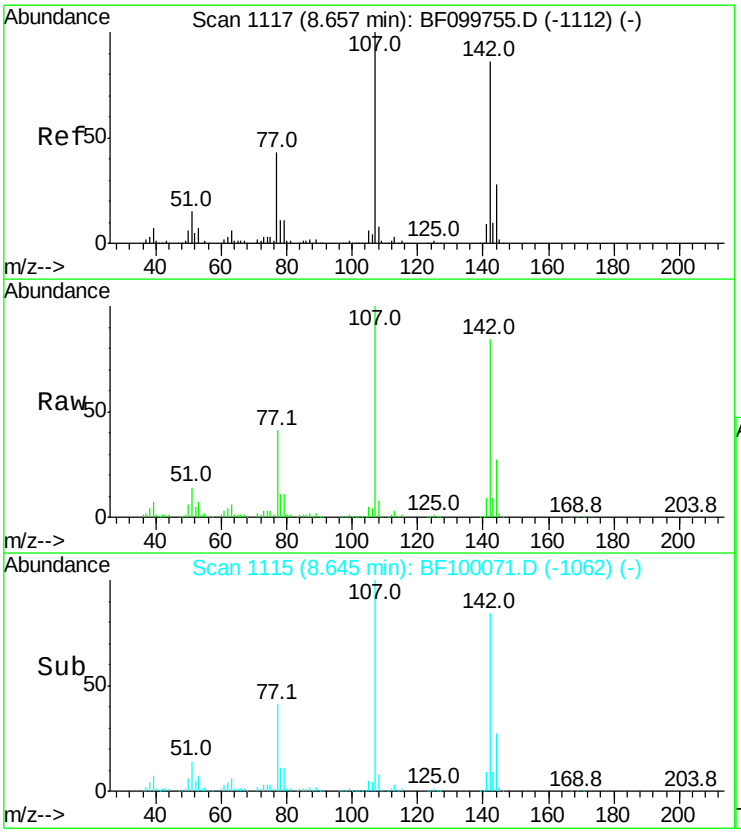
#35
Caprolactam
Concen: 24.466 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 38494

Ion	Ratio	Lower	Upper
113	100		
55	141.2	163.3	203.3#
56	101.5	115.7	155.7#

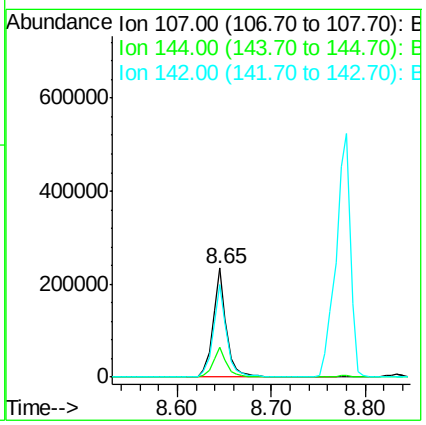


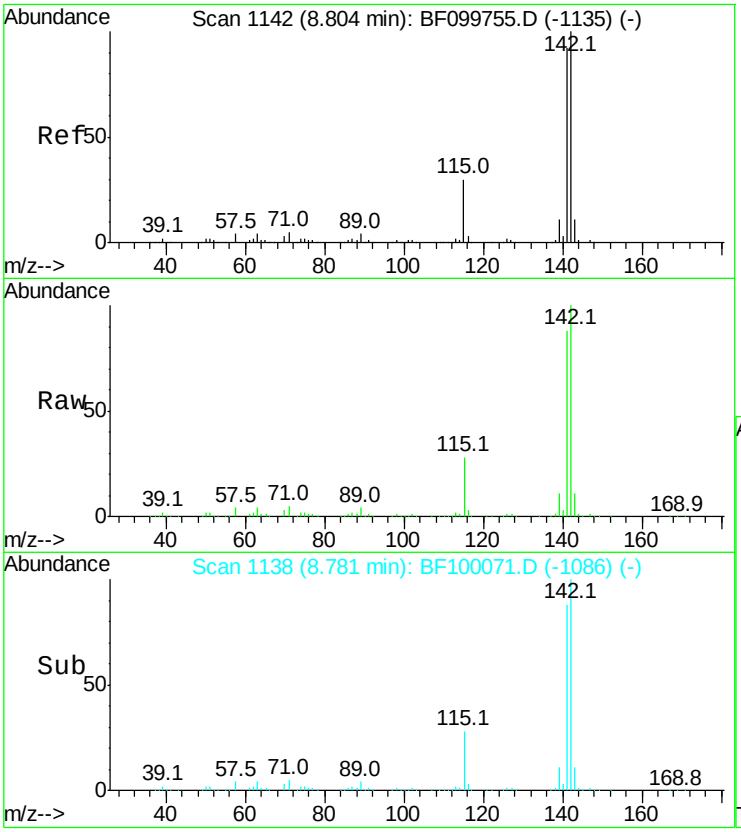


#36
4-Chloro-3-methylphenol
Concen: 45.744 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:107 Resp: 233600

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	84.3	62.0	93.0



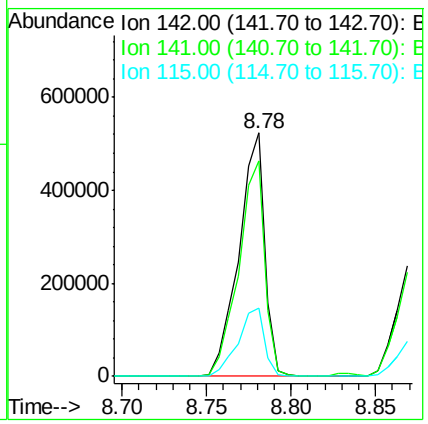


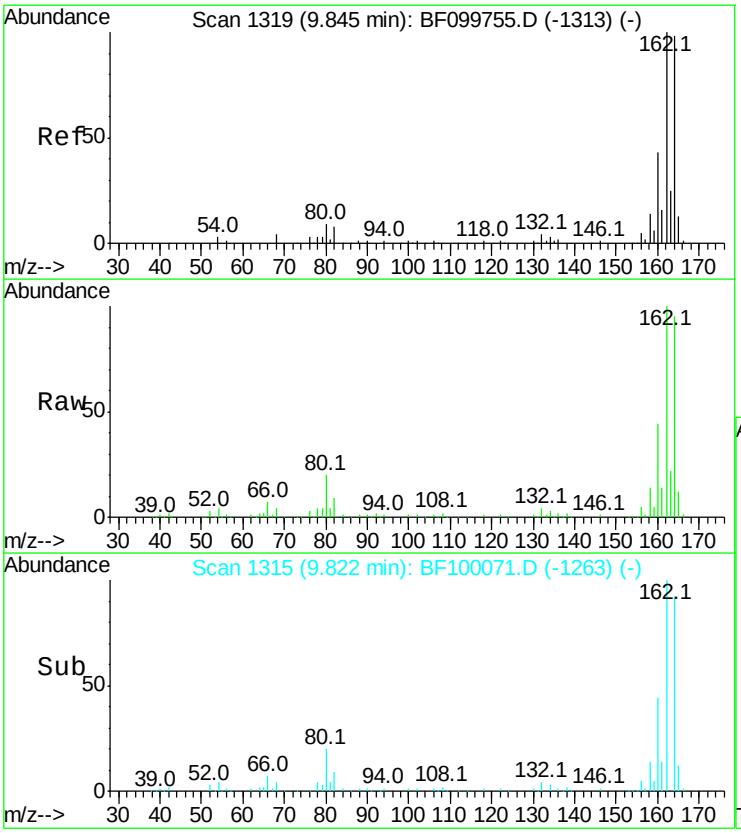
#37
2-Methylnaphthalene
Concen: 47.733 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 563061

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	28.0	26.1	39.1

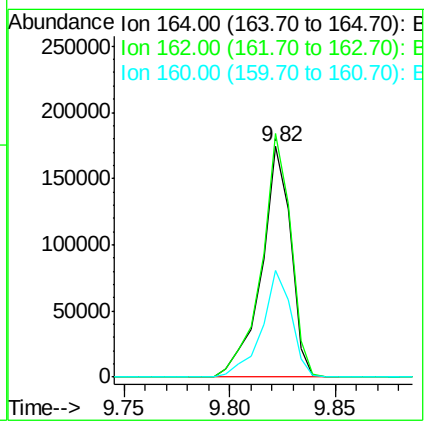


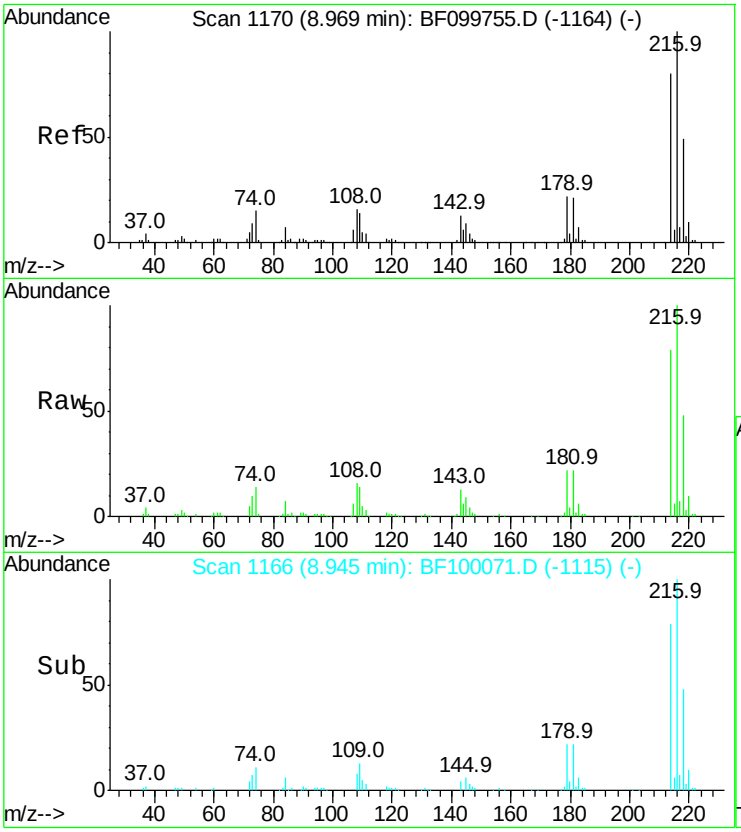


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:164 Resp: 167964

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.1	38.3	57.5



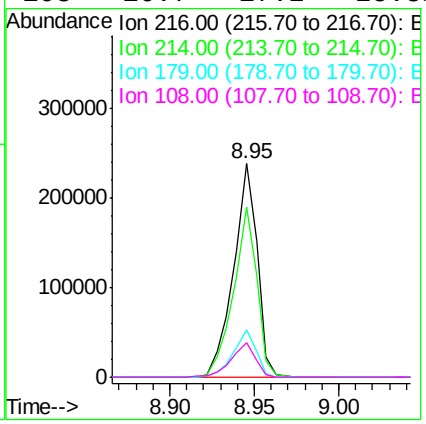


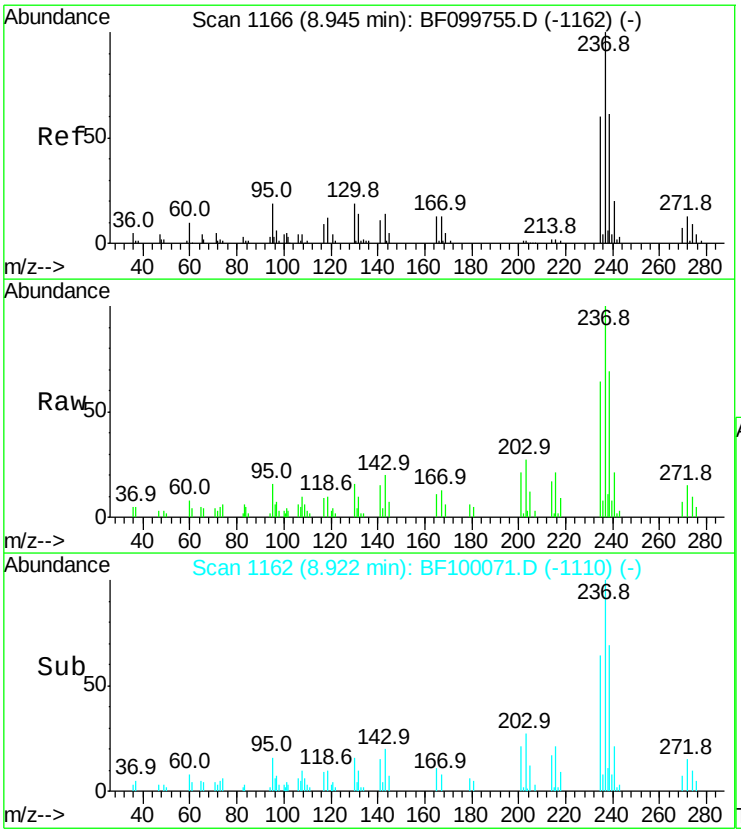
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.812 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 232248

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	21.3	18.1	27.1
108	16.7	17.2	25.8#

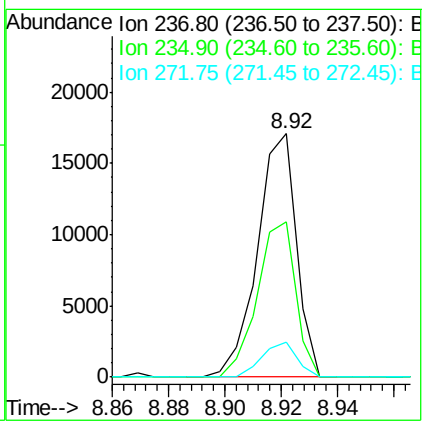


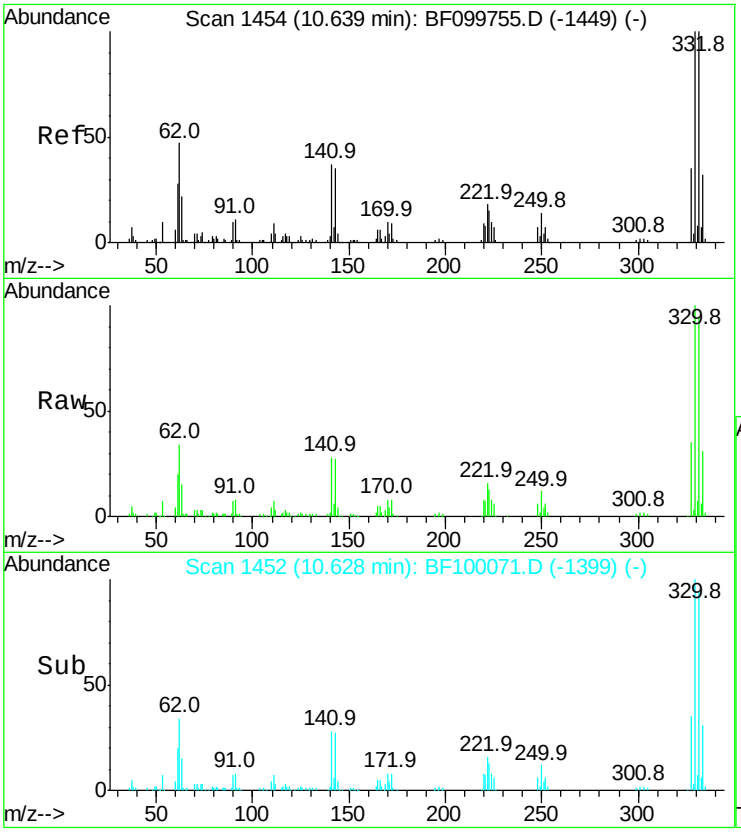


#40
Hexachlorocyclopentadiene
Concen: 26.330 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:237 Resp: 16398

Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	14.6	0.0	33.3



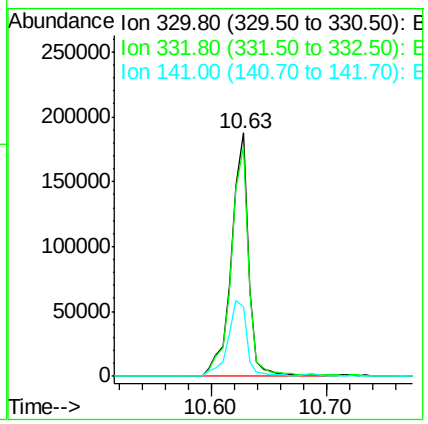


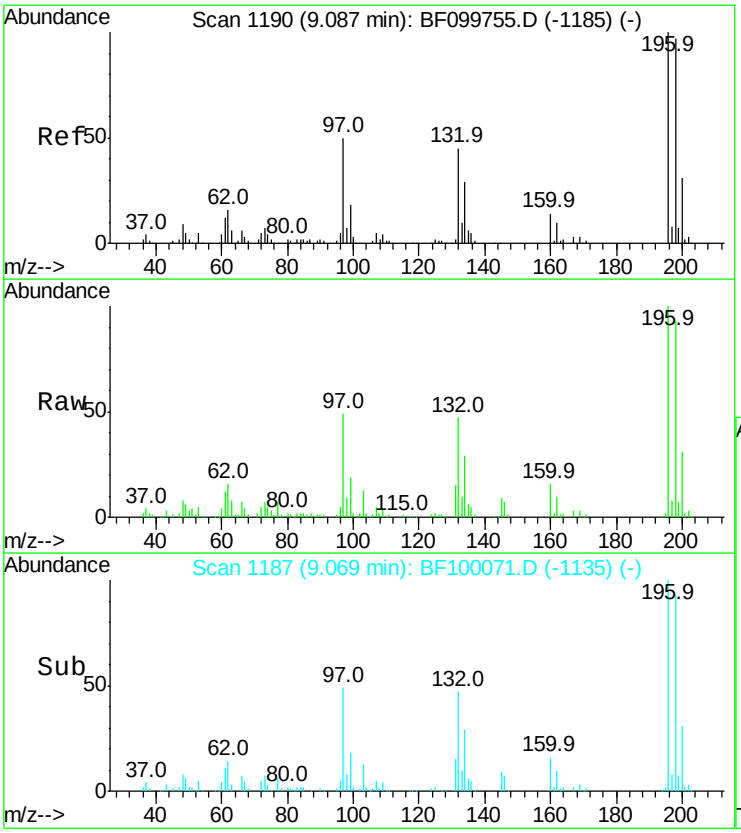
#41
2,4,6-Tribromophenol
Concen: 126.990 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 194381

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.1	29.9	44.9

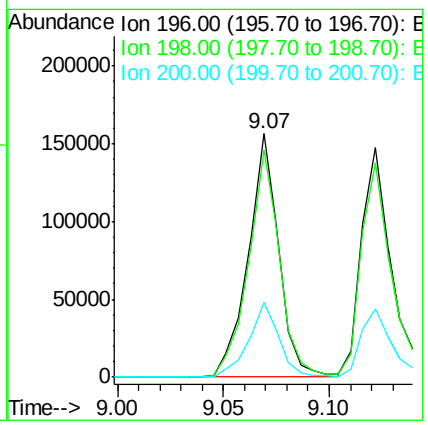


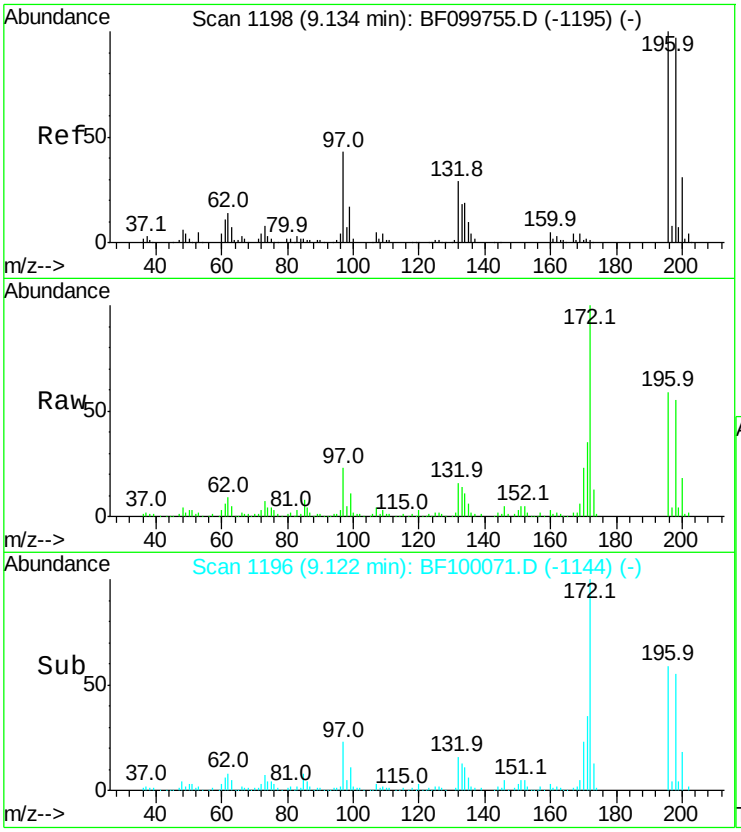


#42
2,4,6-Trichlorophenol
Concen: 48.171 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:196 Resp: 158069

Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.7	113.5
200	30.9	24.5	36.7



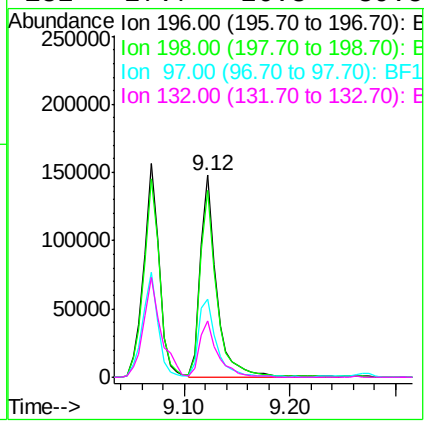


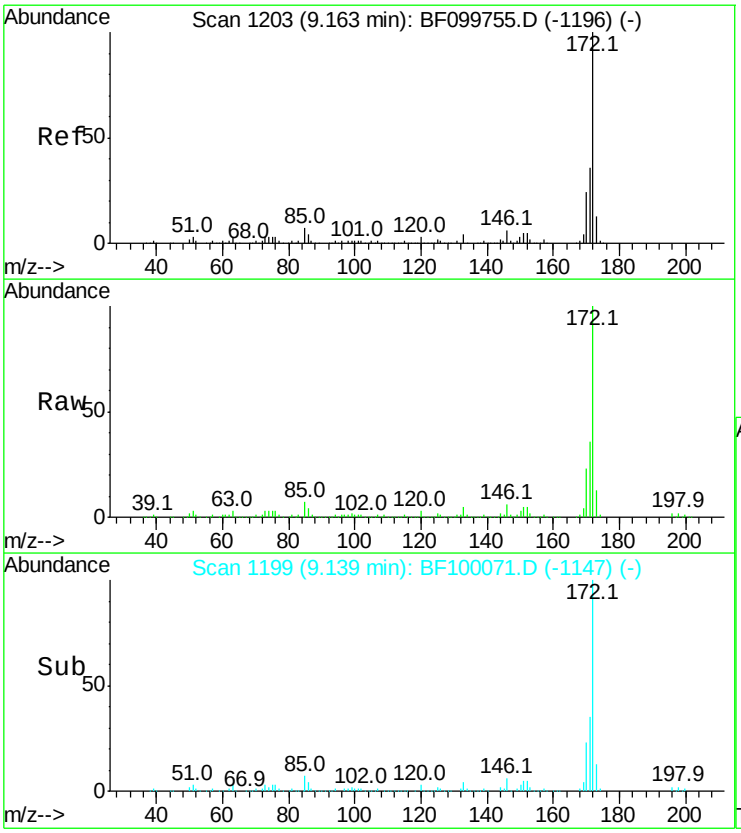
#43
2,4,5-Trichlorophenol
Concen: 44.366 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 154487

Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	38.9	42.9	64.3#
132	27.7	26.3	39.5

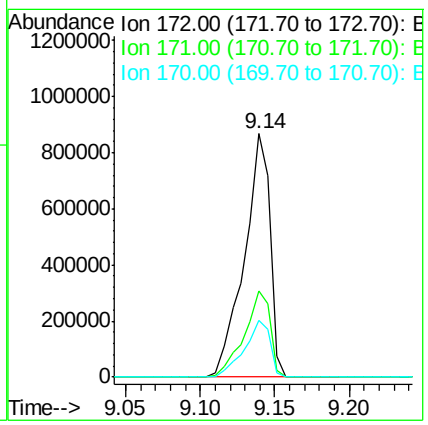


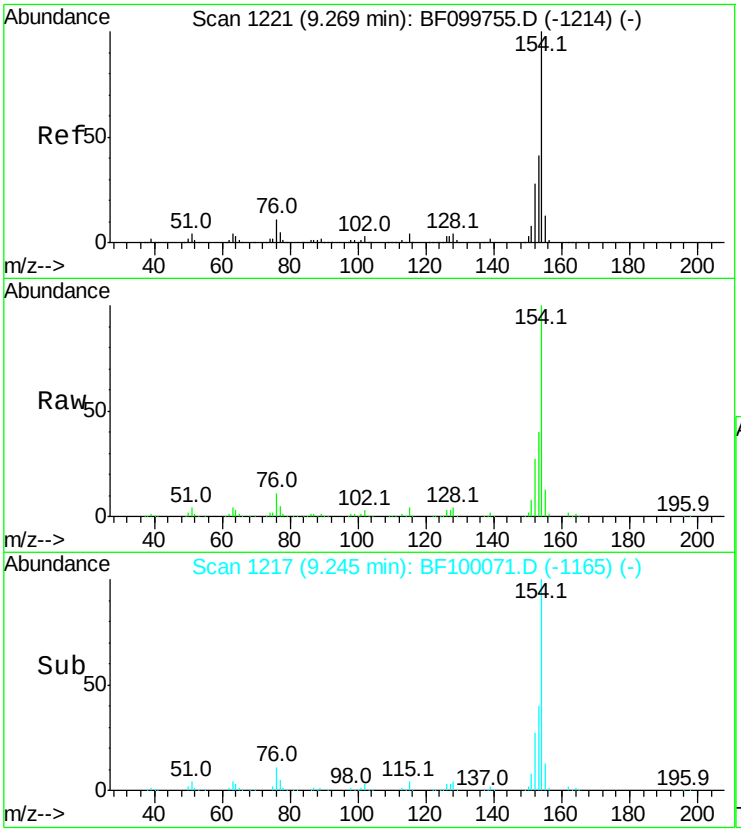


#44
2-Fluorobiphenyl
Concen: 94.817 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:172 Resp: 1032242

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4



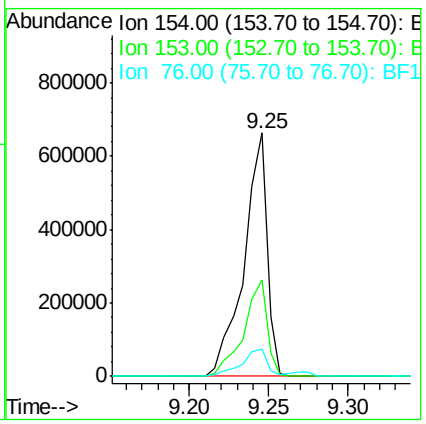


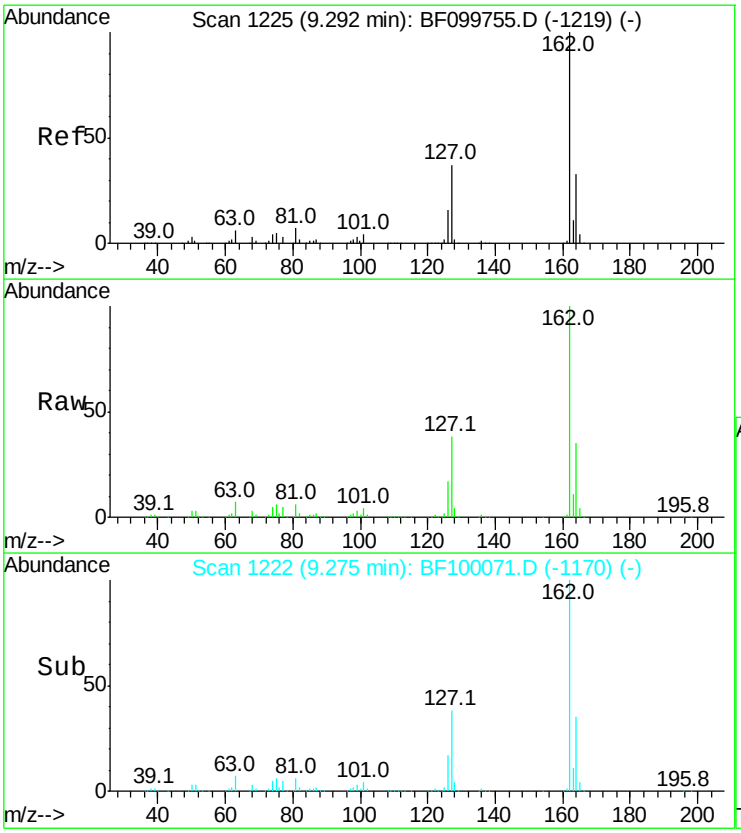
#45
1,1'-Biphenyl
Concen: 44.089 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 669925

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.3	61.3
76	11.5	0.0	34.0

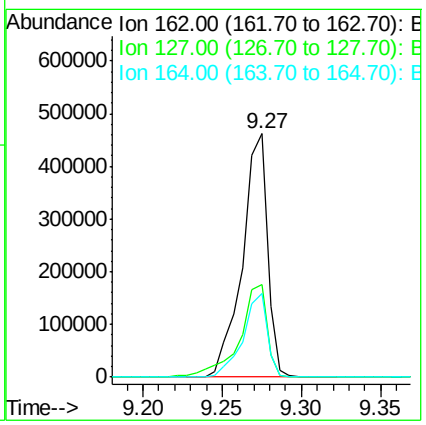


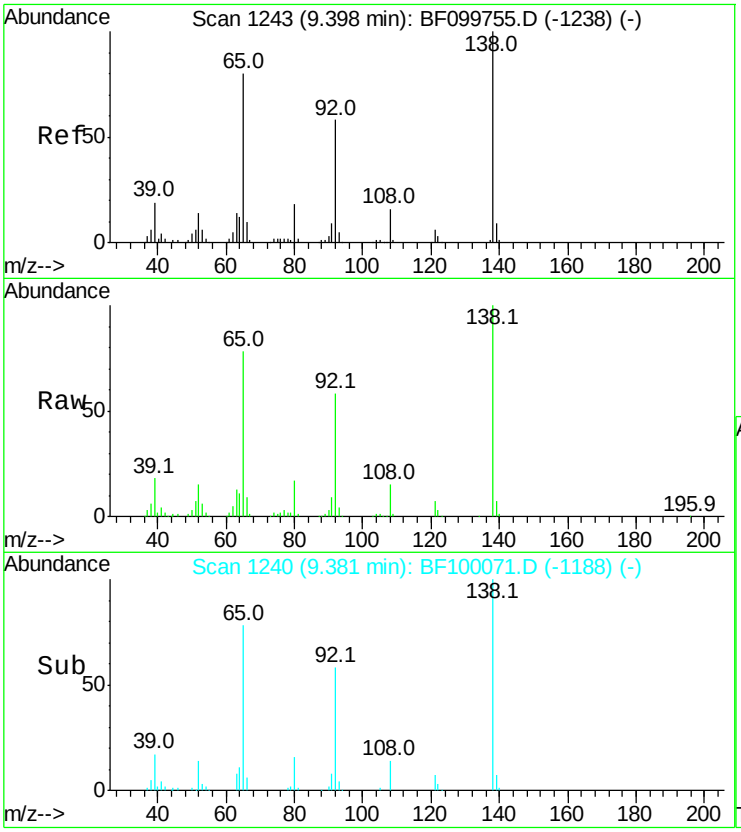


#46
2-Chloronaphthalene
Concen: 46.046 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:162 Resp: 508118

Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.9	50.9
164	34.6	26.5	39.7



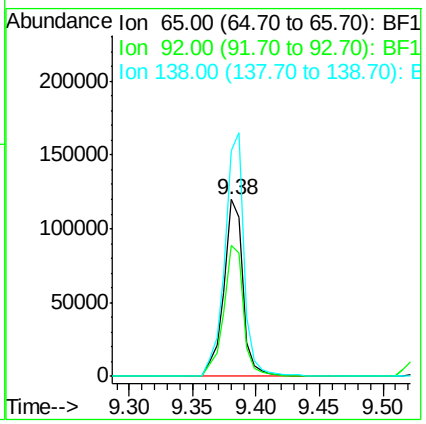


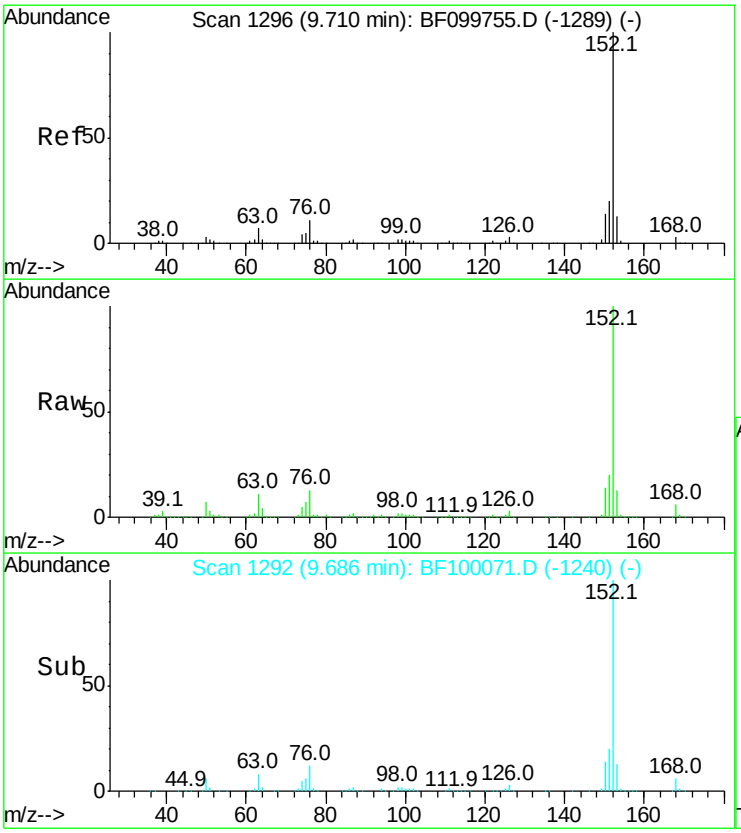
#47
2-Nitroaniline
Concen: 43.349 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 125549

Ion	Ratio	Lower	Upper
65	100		
92	74.0	55.8	83.6
138	128.1	91.2	136.8

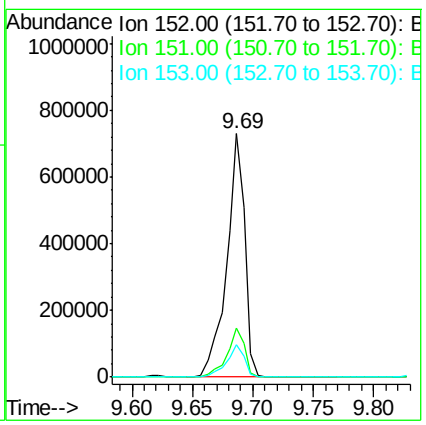


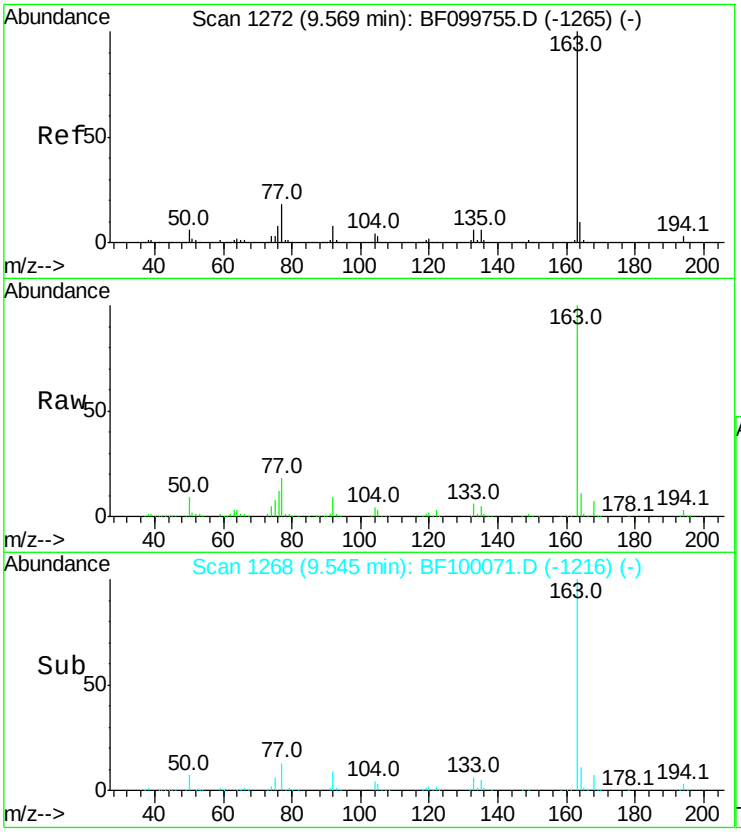


#48
Acenaphthylene
Concen: 44.157 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:152 Resp: 750496

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.3	10.7	16.1



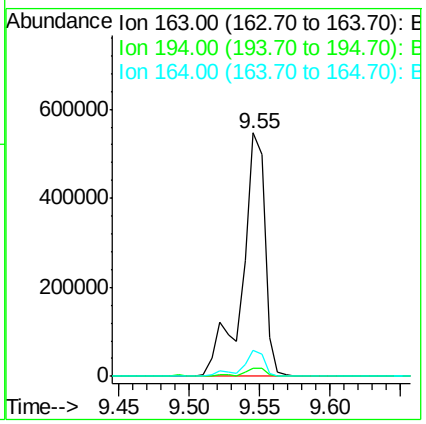


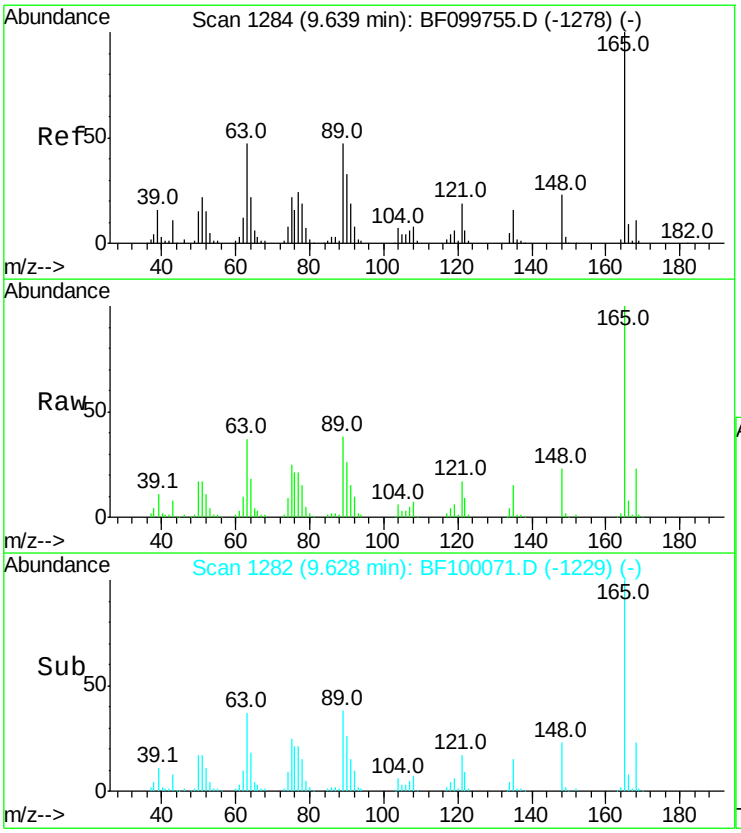
#49
Dimethylphthalate
Concen: 46.487 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 618344

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.8	8.2	12.2

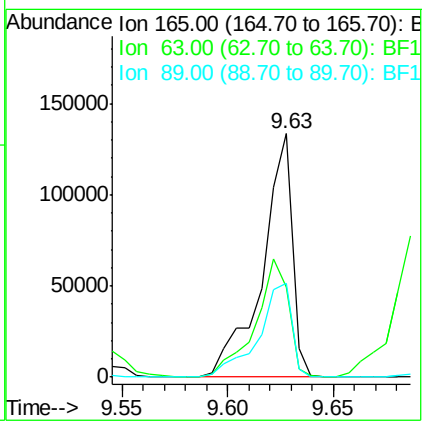


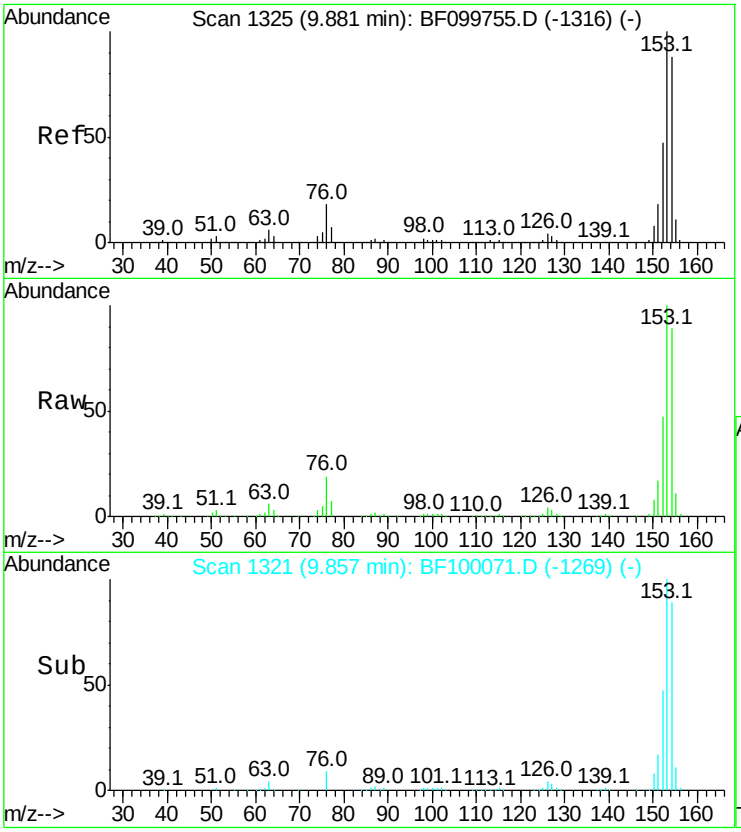


#50
2,6-Dinitrotoluene
Concen: 47.315 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:165 Resp: 132306

Ion	Ratio	Lower	Upper
165	100		
63	37.2	44.7	67.1#
89	38.4	44.0	66.0#



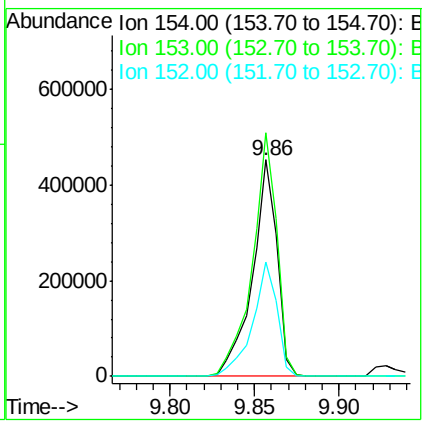


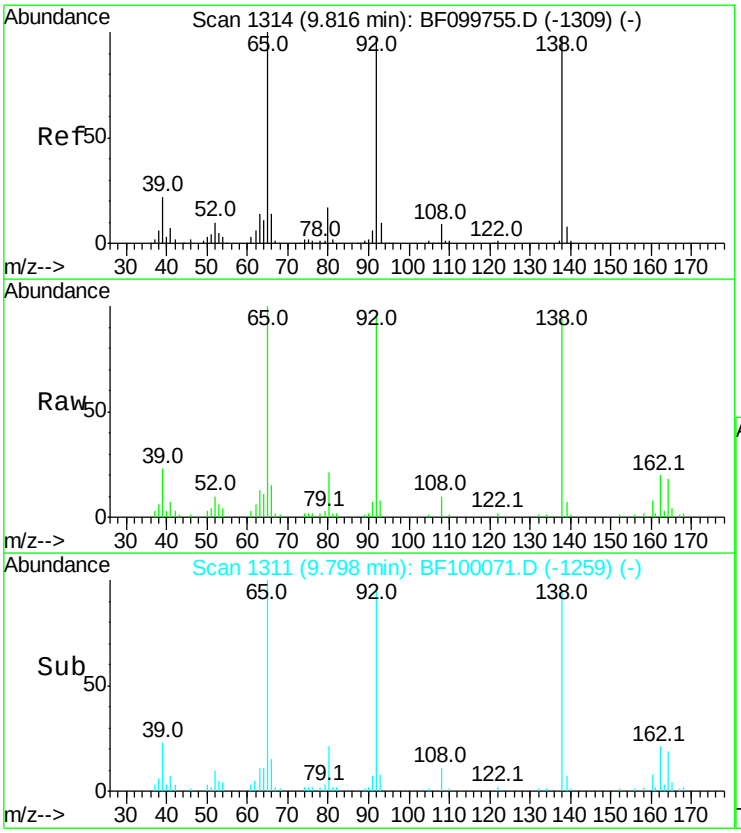
#51
Acenaphthene
Concen: 44.168 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 458681

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	52.9	43.8	65.8

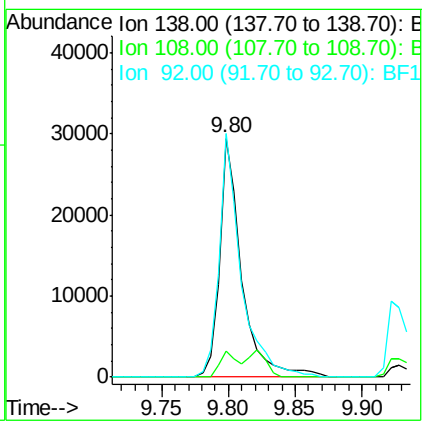


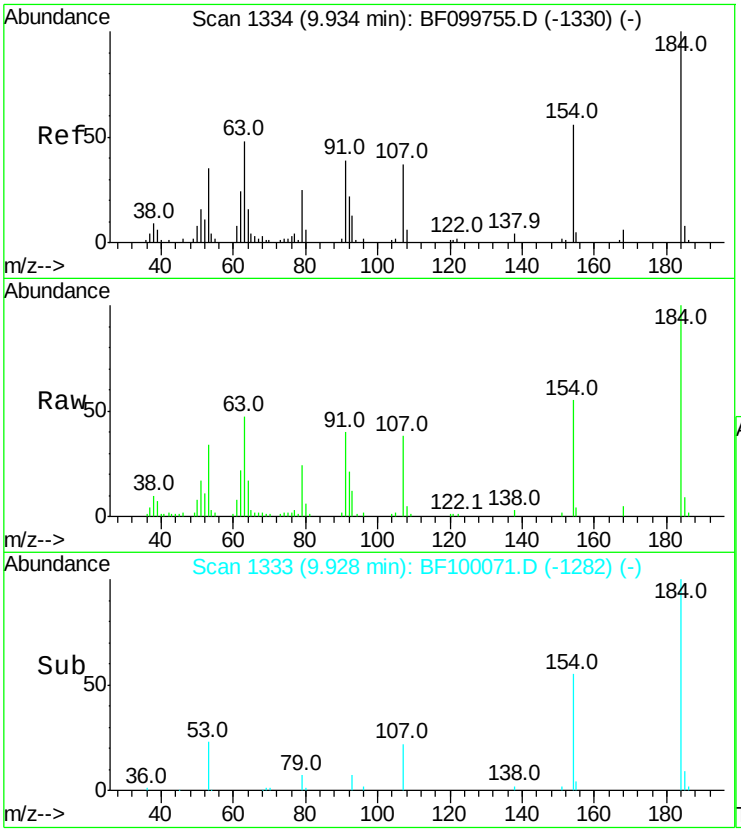


#52
3-Nitroaniline
Concen: 10.399 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:138 Resp: 34262

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	102.0	89.4	134.2



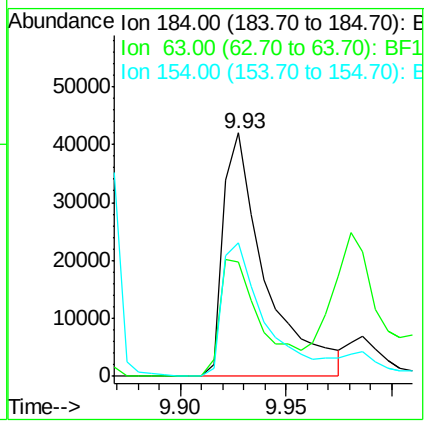


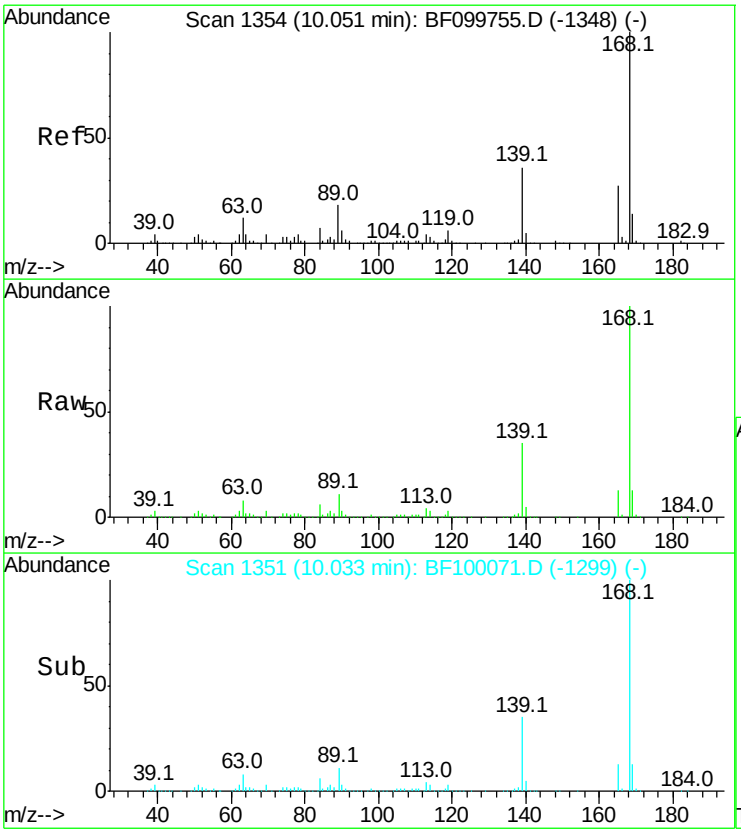
#53
2,4-Dinitrophenol
Concen: 54.709 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 58234

Ion	Ratio	Lower	Upper
184	100		
63	47.1	54.2	81.2#
154	55.1	53.5	80.3

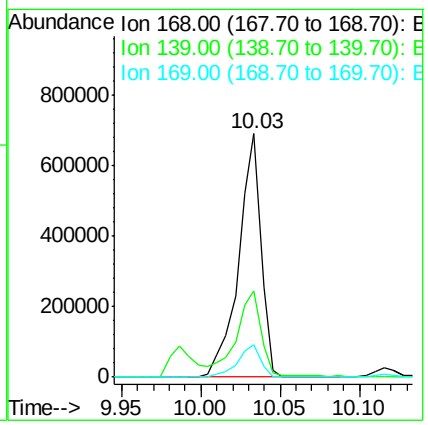


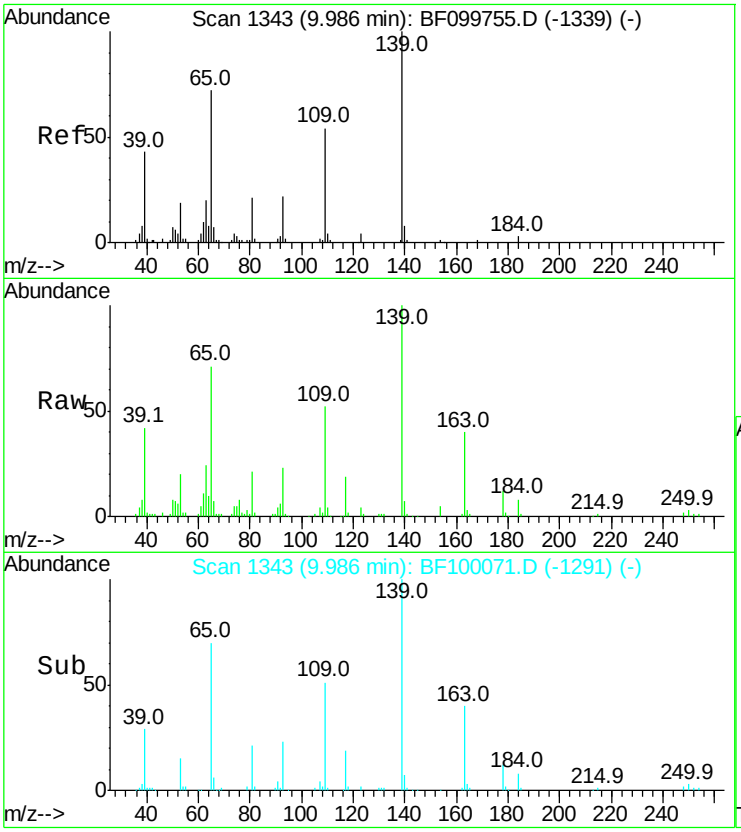


#54
Dibenzofuran
Concen: 46.115 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:168 Resp: 676006

Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	13.2	10.9	16.3



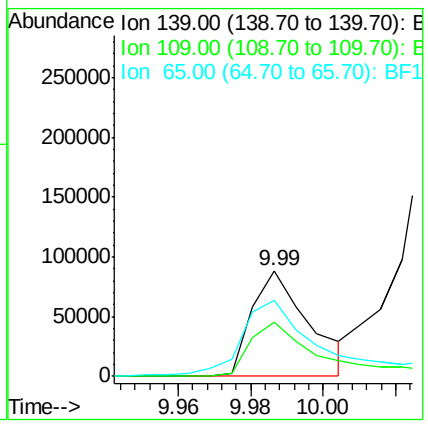


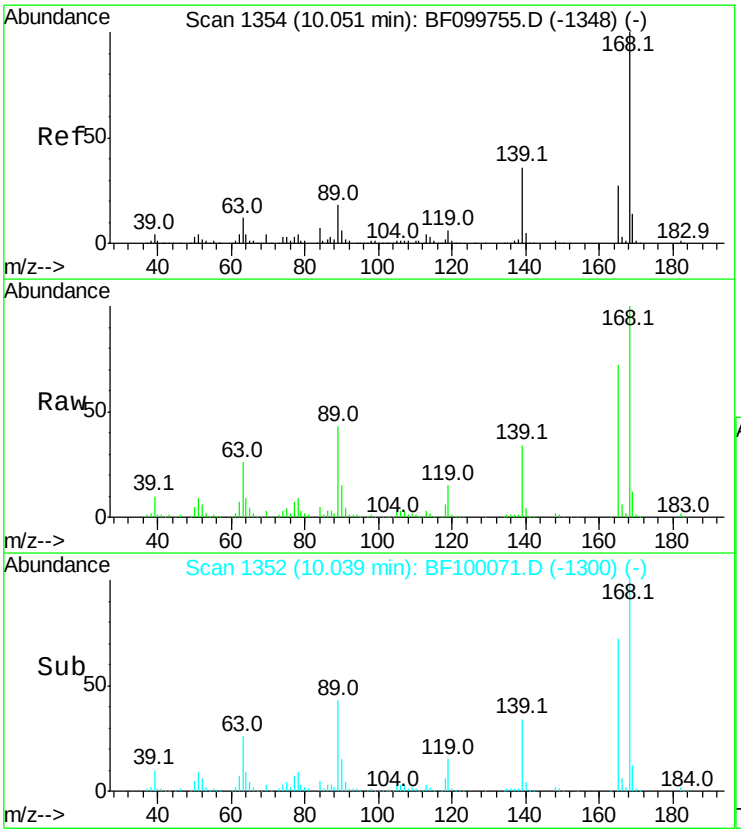
#55
4-Nitrophenol
Concen: 55.678 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 95852

Ion	Ratio	Lower	Upper
139	100		
109	51.5	48.4	88.4
65	71.4	72.6	112.6#

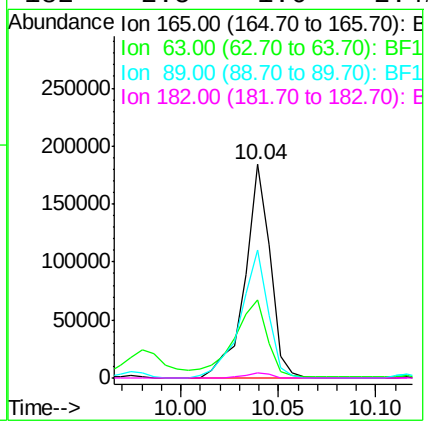


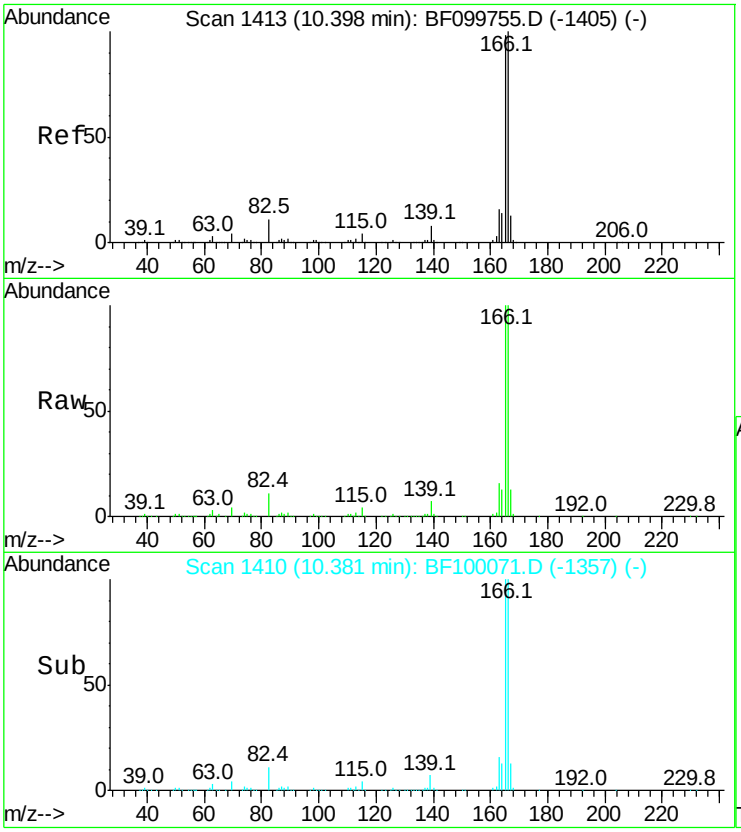


#56
2,4-Dinitrotoluene
Concen: 49.051 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:165 Resp: 165180

Ion	Ratio	Lower	Upper
165	100		
63	36.3	36.4	54.6#
89	59.7	57.8	86.6
182	2.5	1.6	2.4#



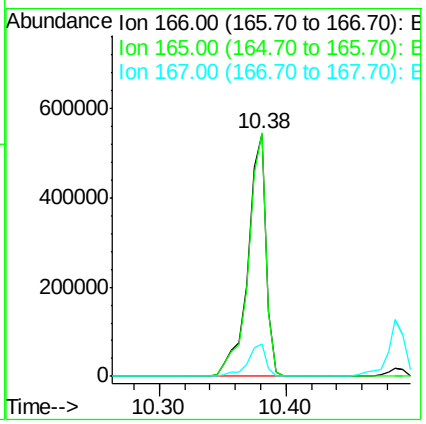


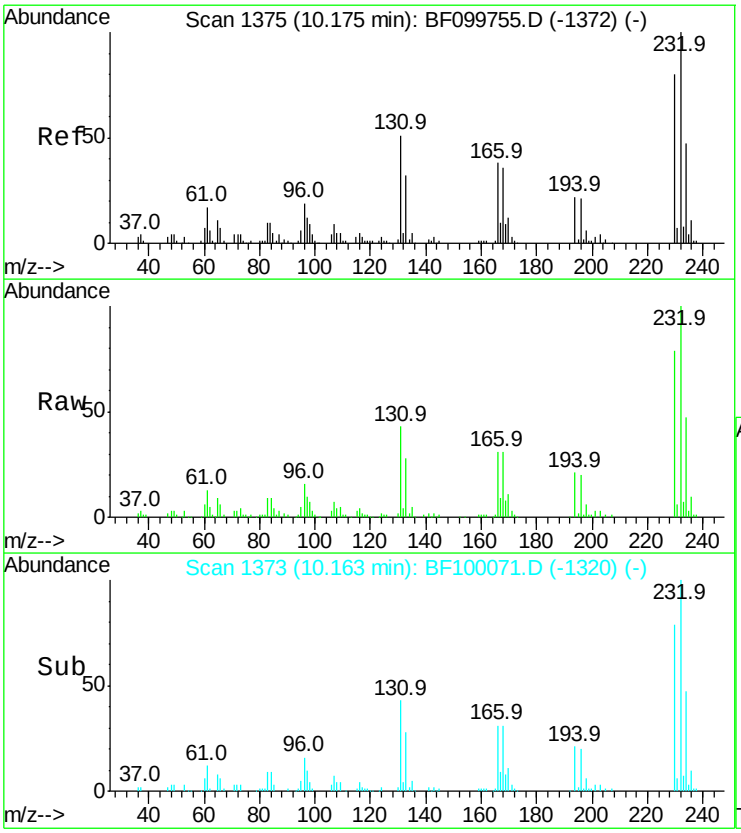
#57
Fluorene
Concen: 44.604 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 541372

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	13.2	10.6	16.0

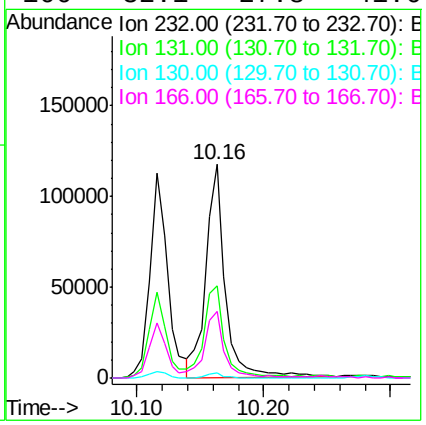


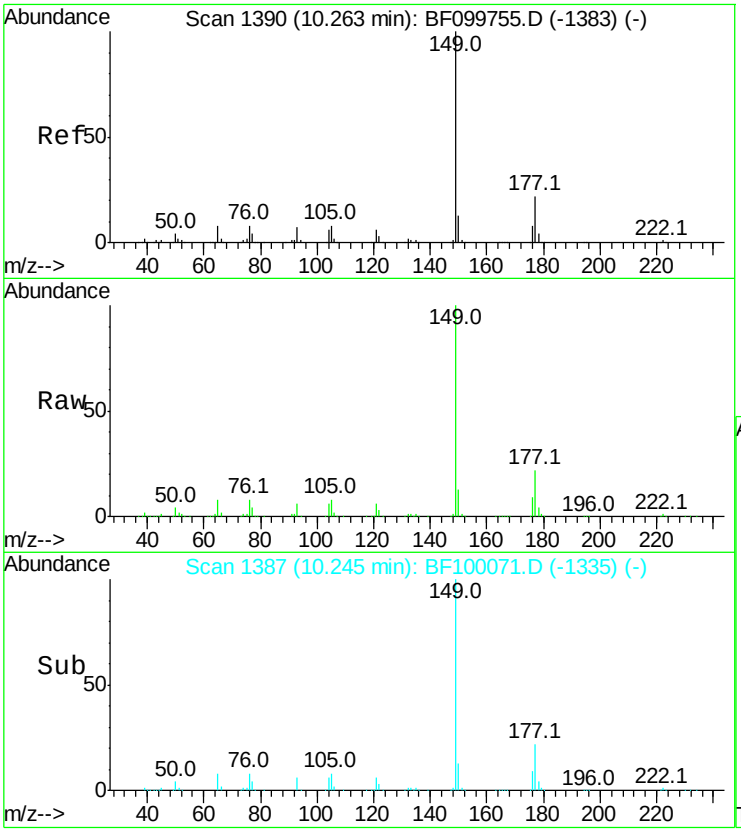


#58
2,3,4,6-Tetrachlorophenol
Concen: 50.944 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:232 Resp: 124377

Ion	Ratio	Lower	Upper
232	100		
131	46.0	43.8	65.8
130	2.1	2.1	3.1
166	32.1	27.8	41.6



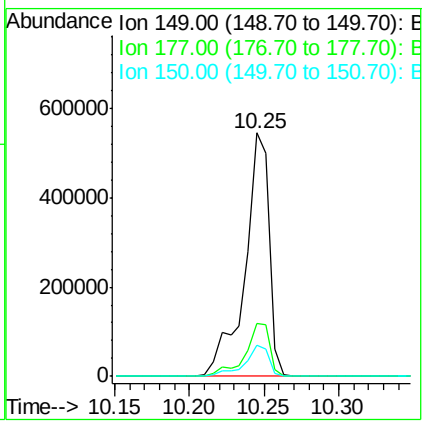


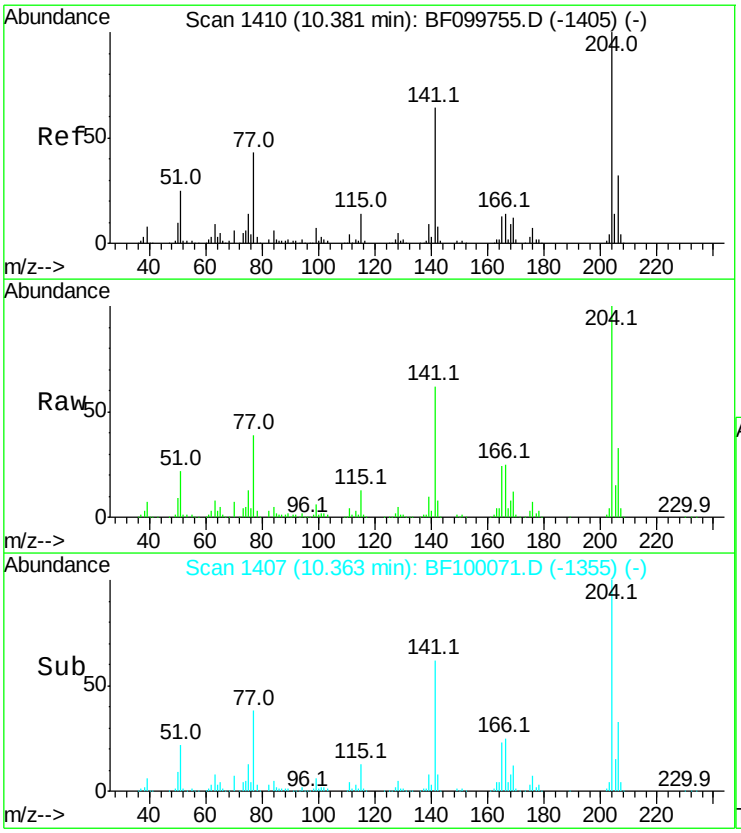
#59
Diethylphthalate
Concen: 47.007 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 610592

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.9	10.1	15.1

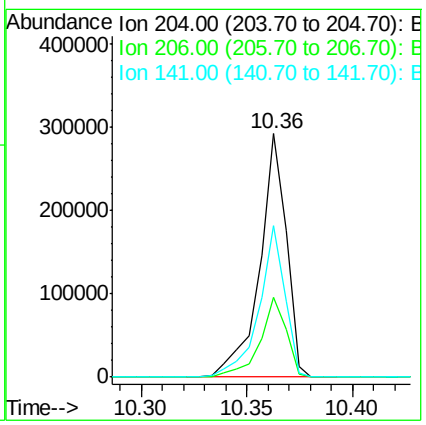


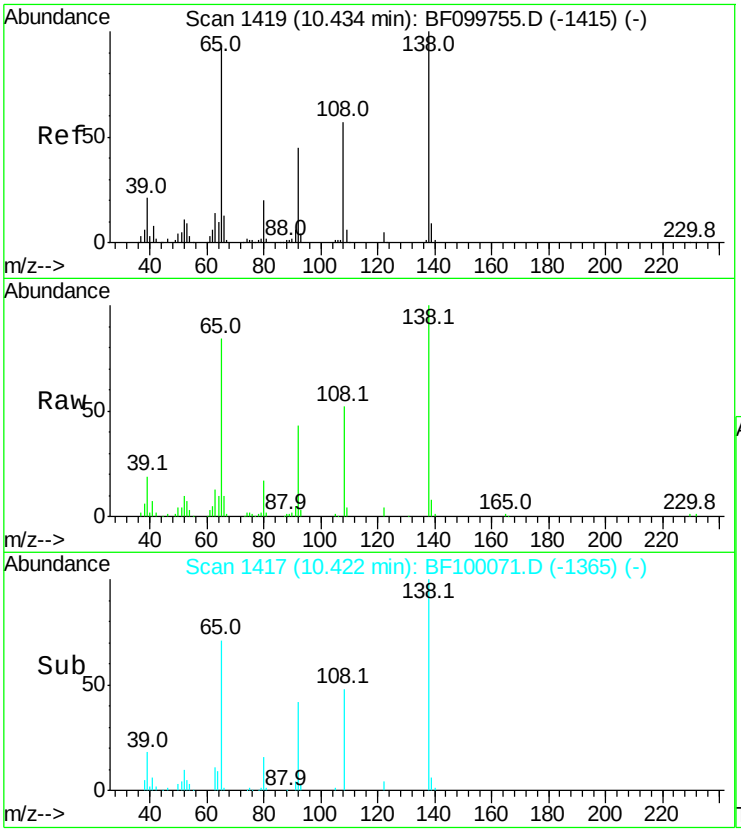


#60
4-Chlorophenyl-phenylether
Concen: 45.039 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:204 Resp: 257271

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.1	54.6	81.8



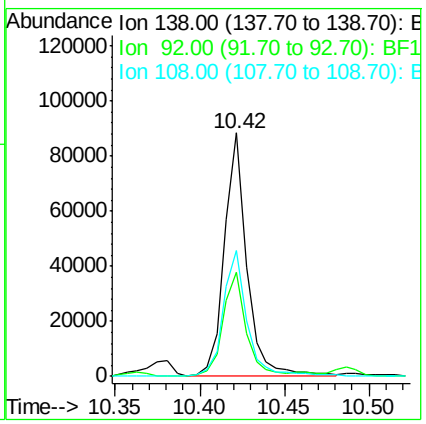


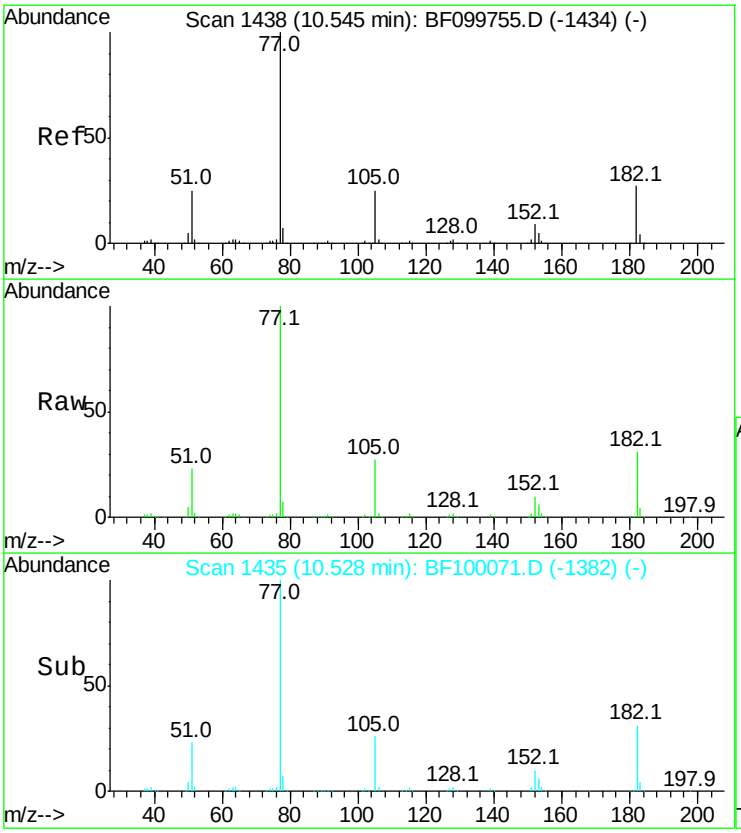
#61
4-Nitroaniline
Concen: 26.197 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 82348

Ion	Ratio	Lower	Upper
138	100		
92	42.8	30.2	70.2
108	51.6	52.5	92.5#

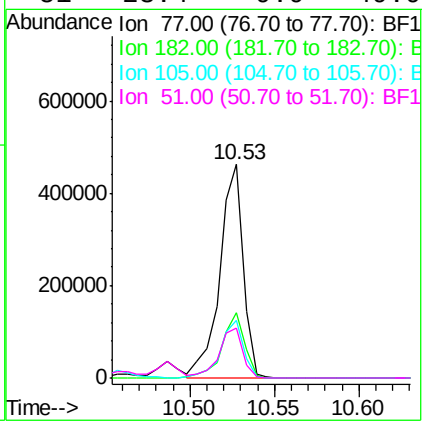


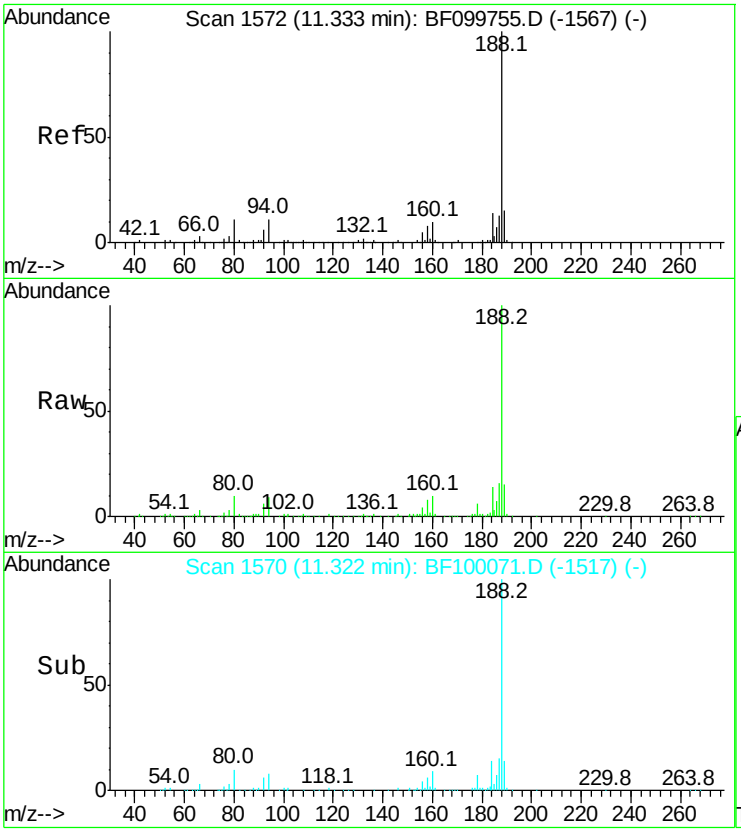


#62
Azobenzene
Concen: 40.992 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 77 Resp: 446353

Ion	Ratio	Lower	Upper
77	100		
182	30.9	1.7	41.7
105	26.7	3.0	43.0
51	23.4	9.9	49.9



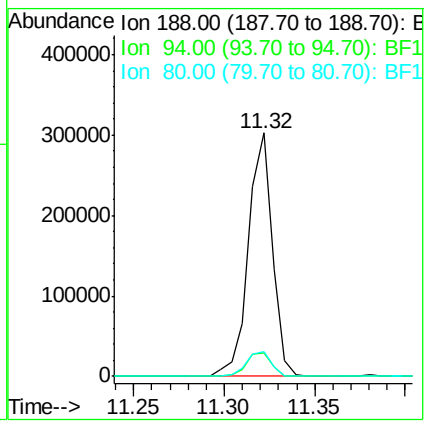


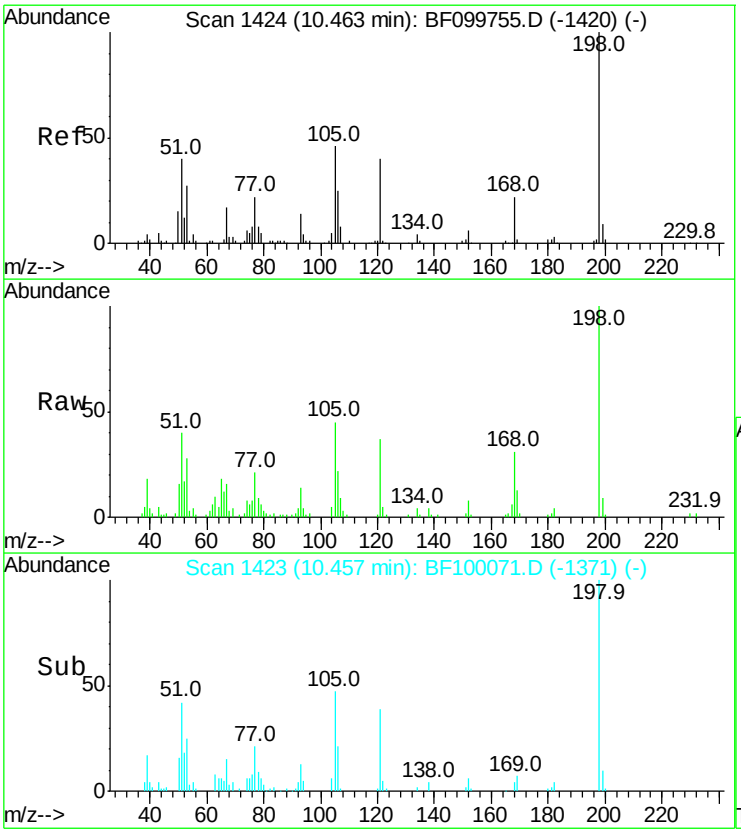
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 278076

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

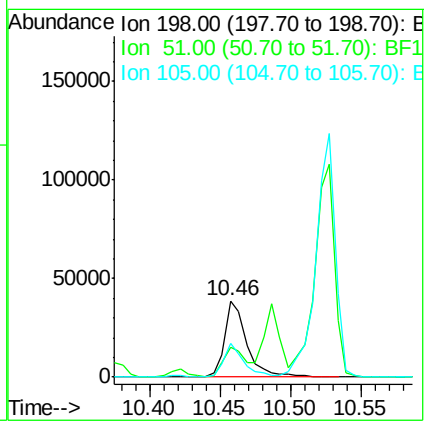


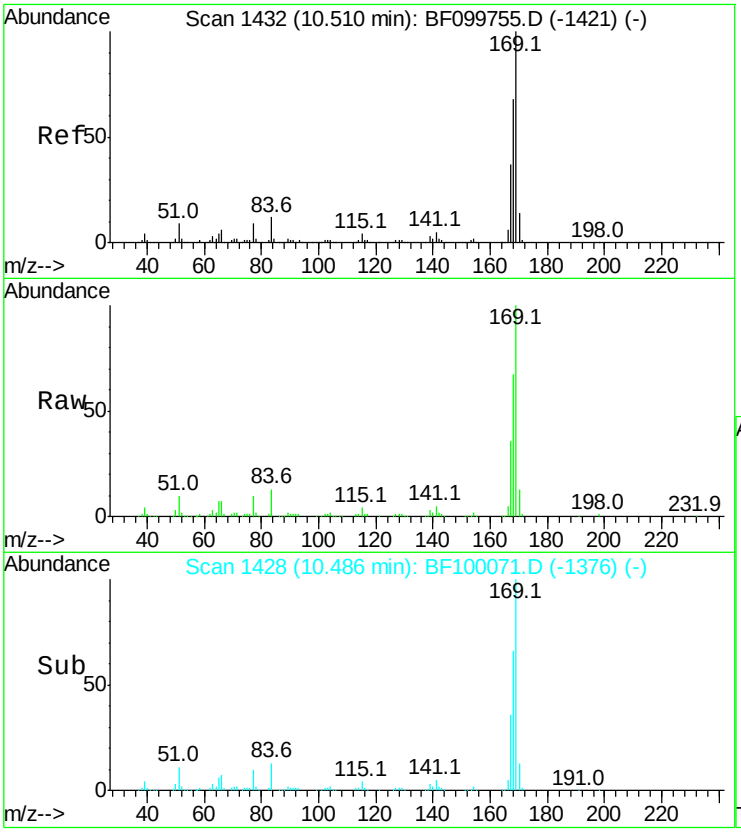


#64
4,6-Dinitro-2-methylphenol
Concen: 24.266 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:198 Resp: 42417

Ion	Ratio	Lower	Upper
198	100		
51	39.7	37.7	77.7
105	44.9	36.3	76.3



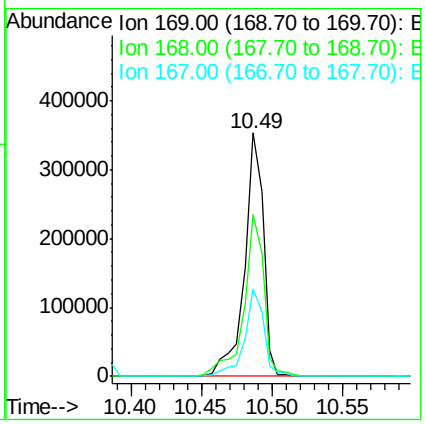


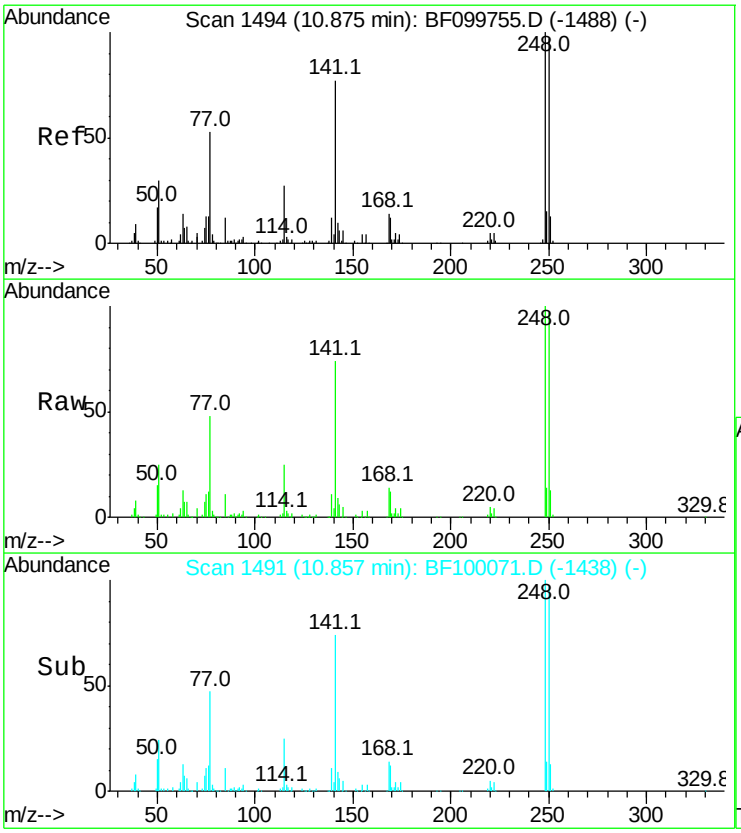
#65
n-Nitrosodiphenylamine
Concen: 32.157 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 330089

Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	36.0	29.8	44.6

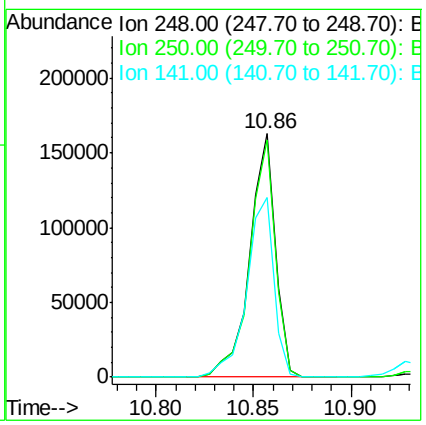


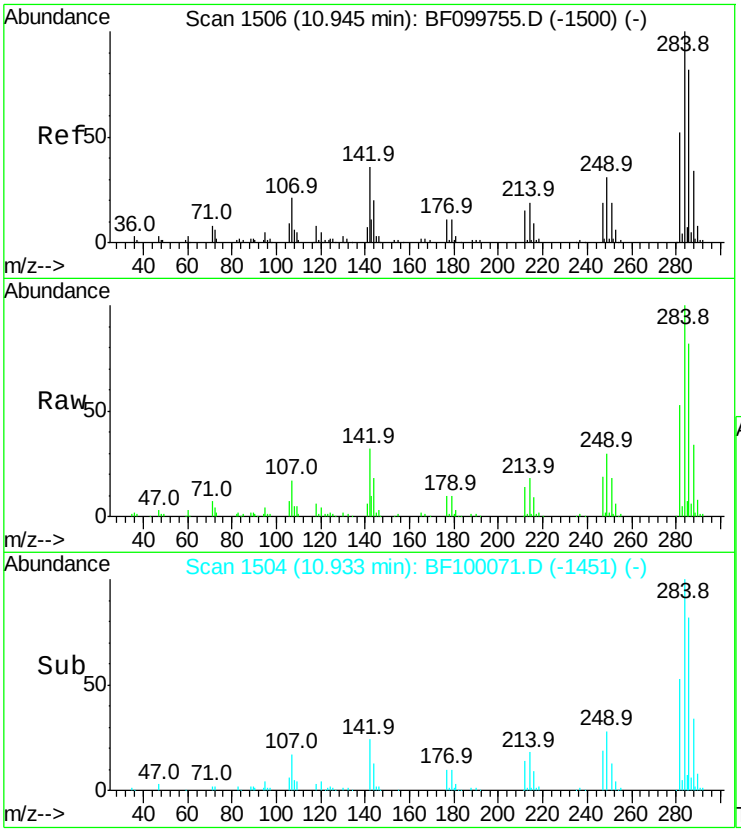


#66
4-Bromophenyl-phenylether
Concen: 50.780 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:248 Resp: 148657

Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	73.8	74.4	111.6#



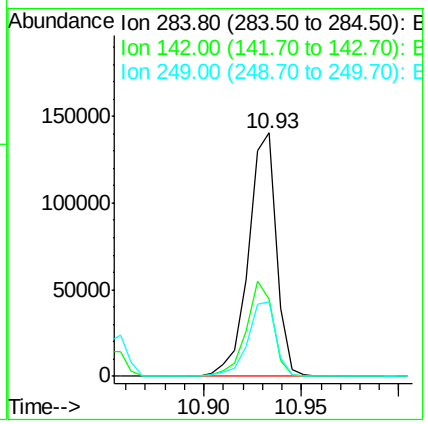


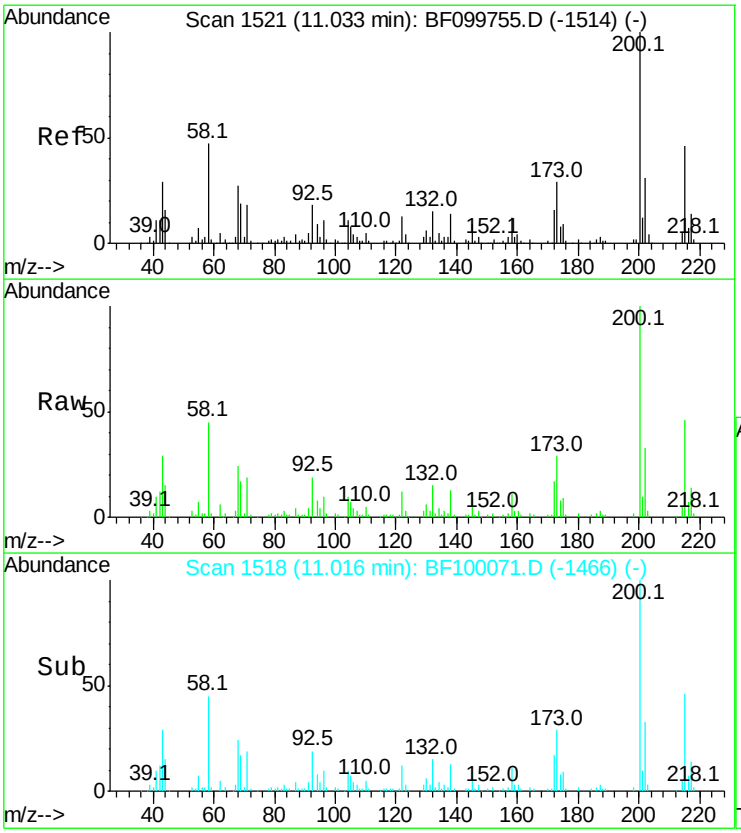
#67
Hexachlorobenzene
Concen: 46.484 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 139218

Ion	Ratio	Lower	Upper
284	100		
142	31.8	34.6	52.0#
249	30.4	24.8	37.2

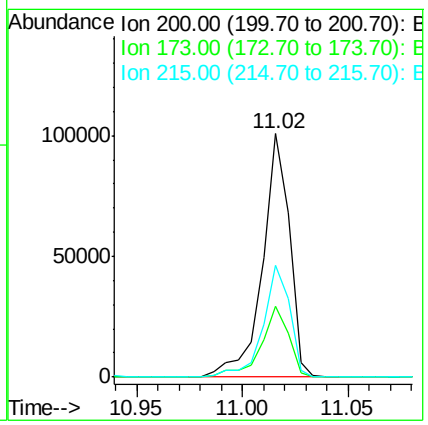


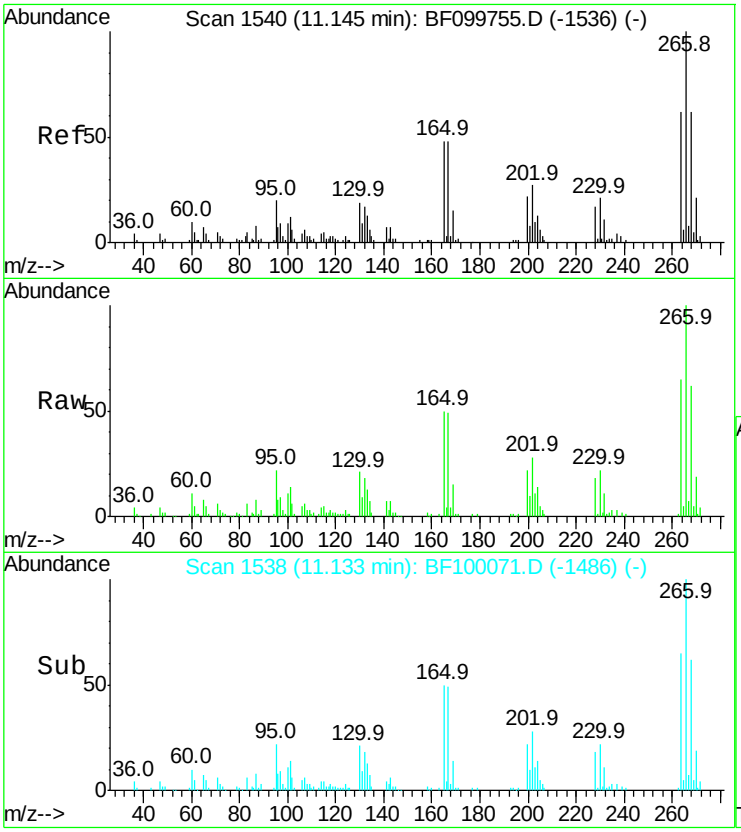


#68
Atrazine
Concen: 29.167 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:200 Resp: 89935

Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	46.1	25.1	65.1



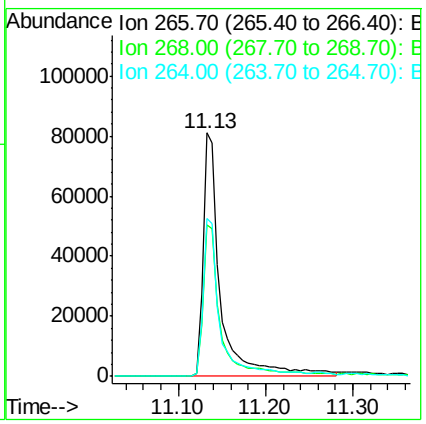


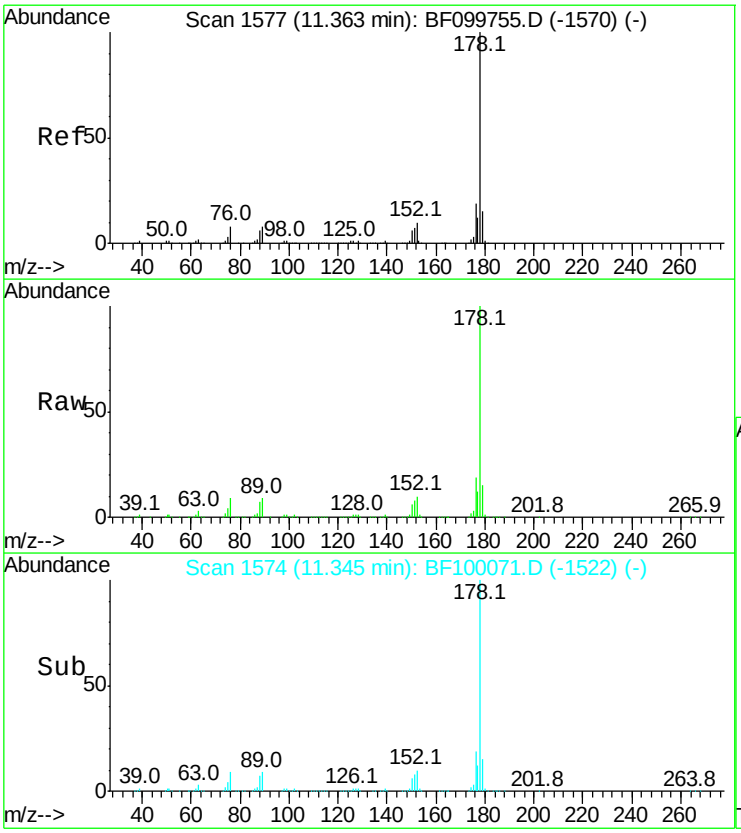
#69
Pentachlorophenol
Concen: 88.771 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 113604

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	64.7	49.5	74.3

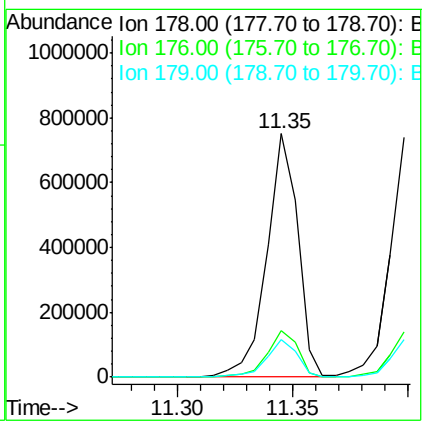


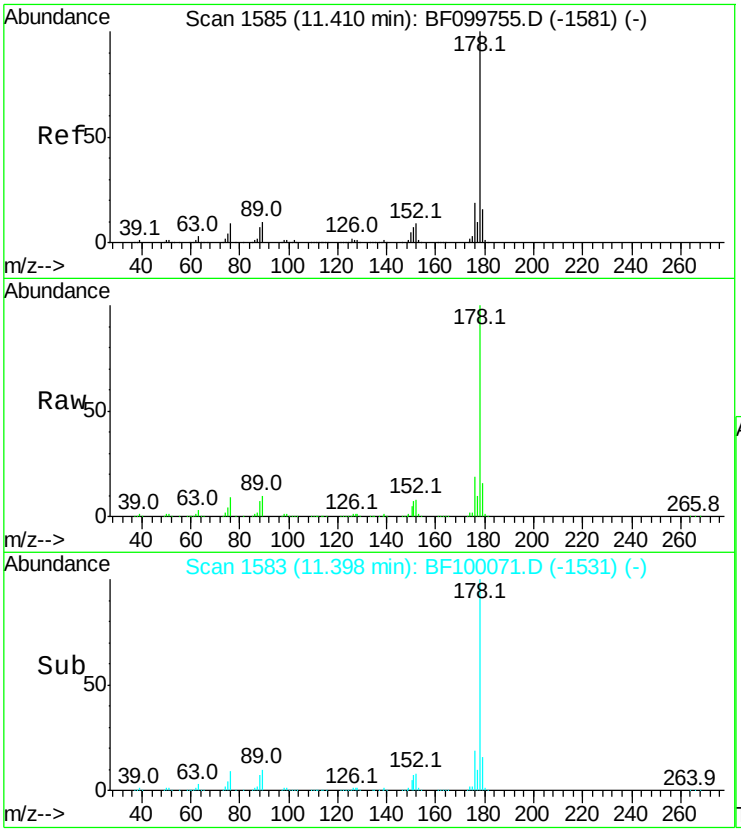


#70
Phenanthrene
Concen: 44.610 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:178 Resp: 700075

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	13.0	19.6



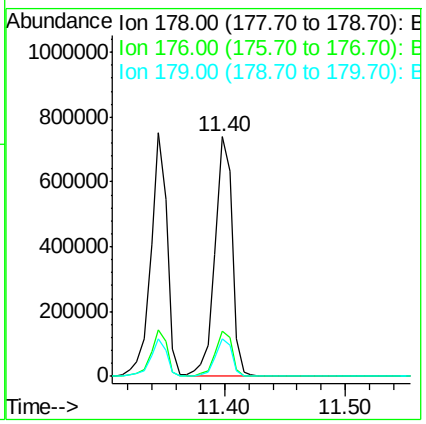


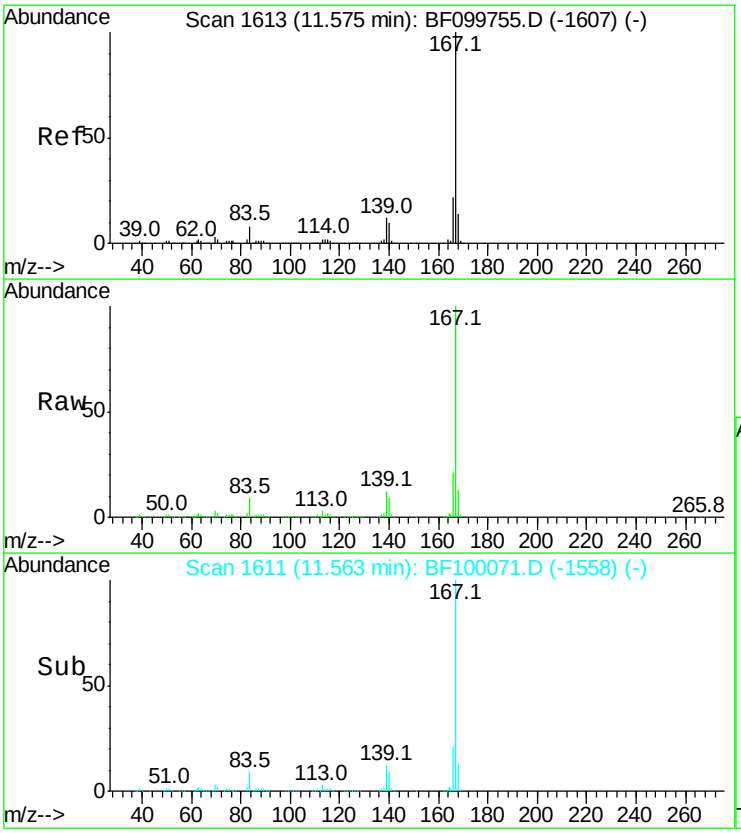
#71
Anthracene
Concen: 45.231 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 720509

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.8	12.6	19.0

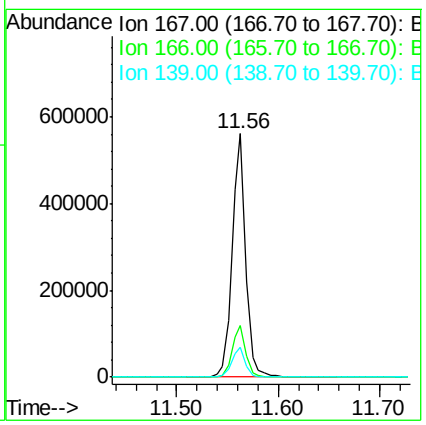


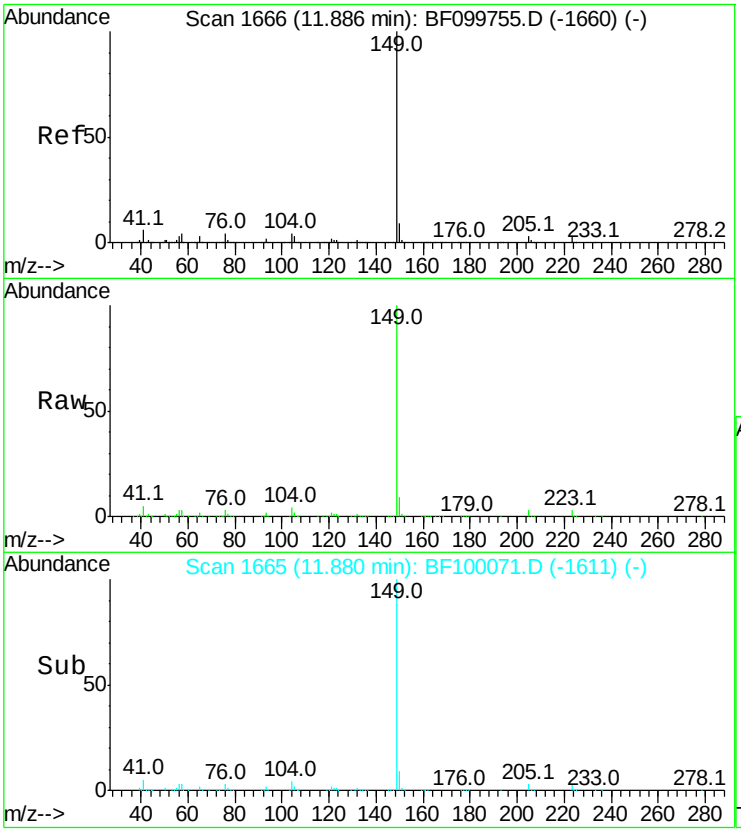


#72
Carbazole
Concen: 34.401 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:167 Resp: 515316

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.4	10.9	16.3



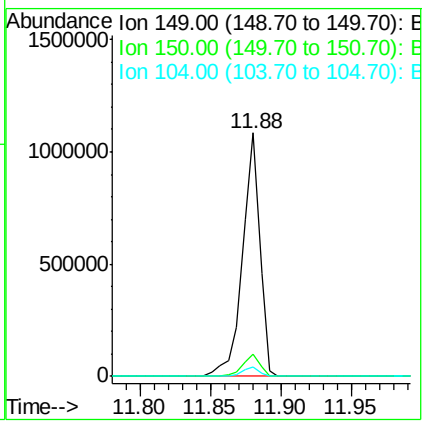


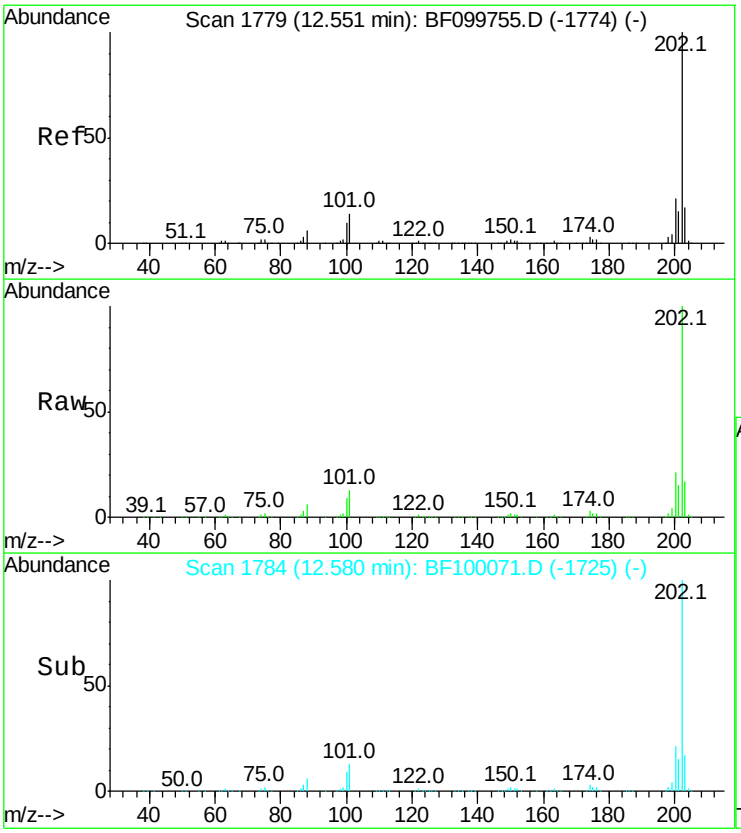
#73
Di-n-butylphthalate
Concen: 48.587 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.02 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 928325

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	3.9	3.8	5.8

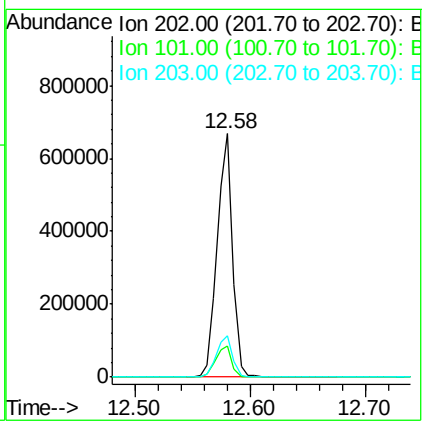


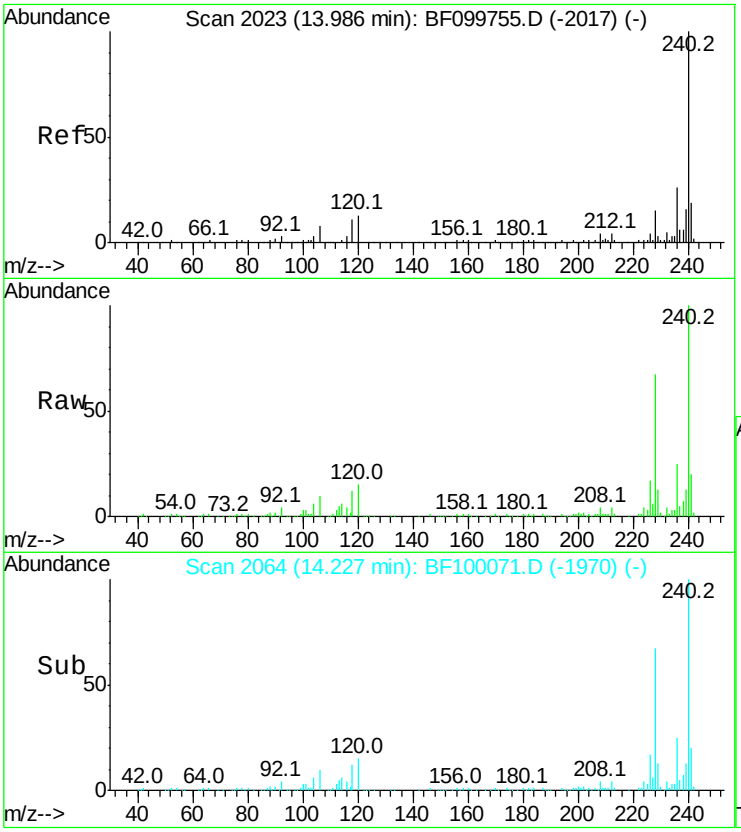


#74
Fluoranthene
Concen: 37.845 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.05 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:202 Resp: 617209

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.1	0.0	38.1



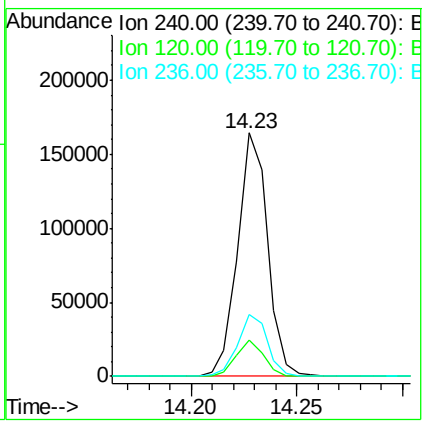


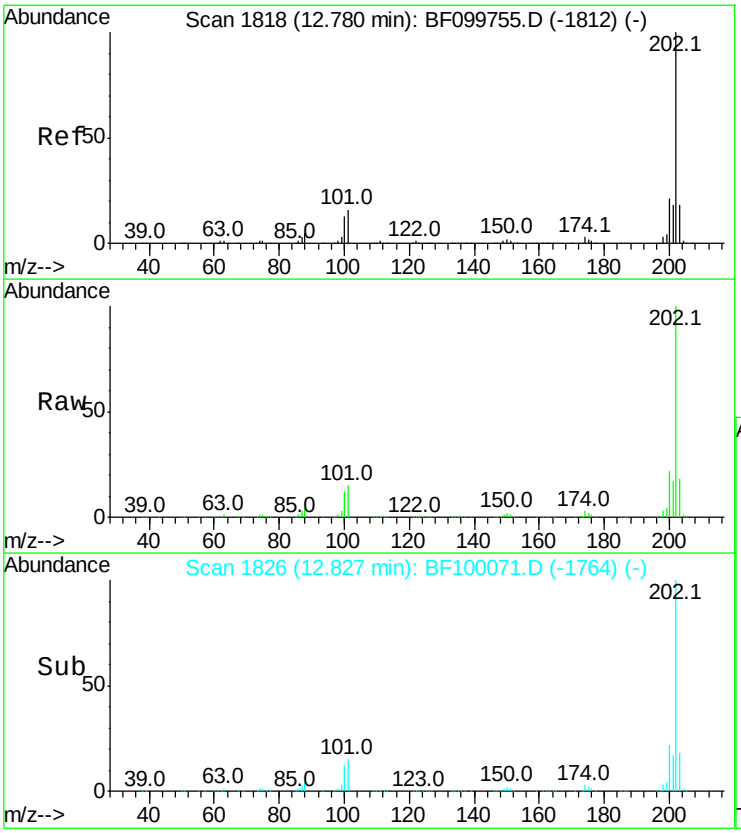
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.23 min Scan# 2064
Delta R.T. 0.25 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 161306

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.3	20.7	31.1

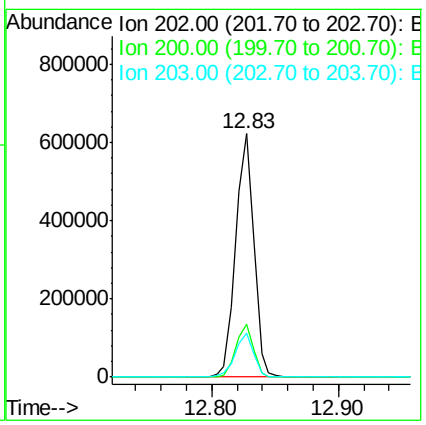


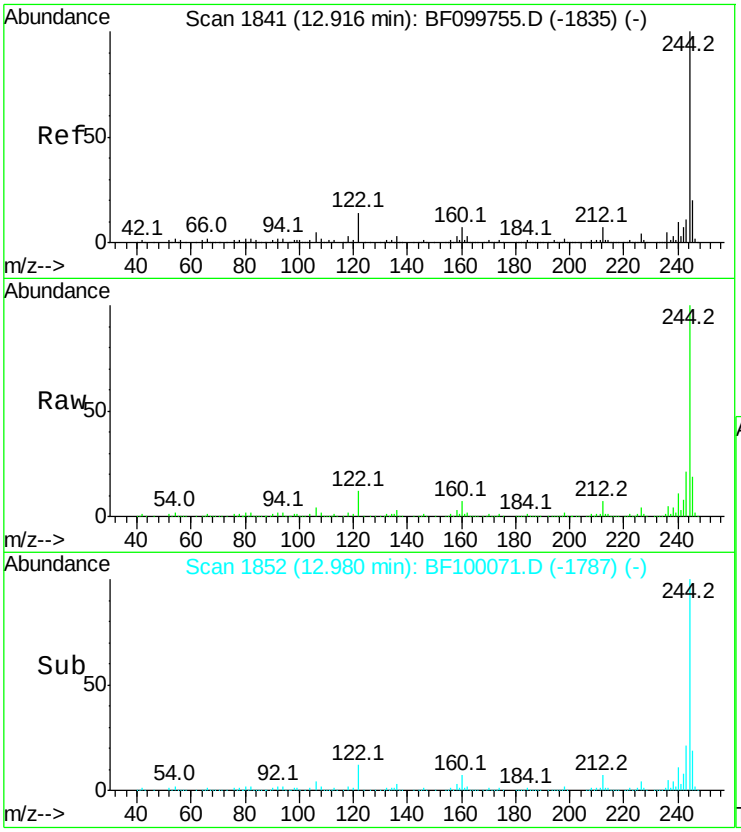


#77
Pyrene
Concen: 49.849 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.06 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:202 Resp: 611427

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5



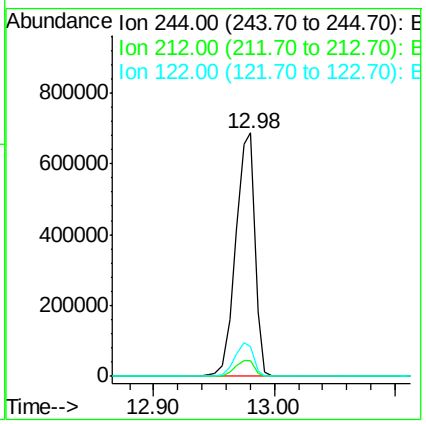


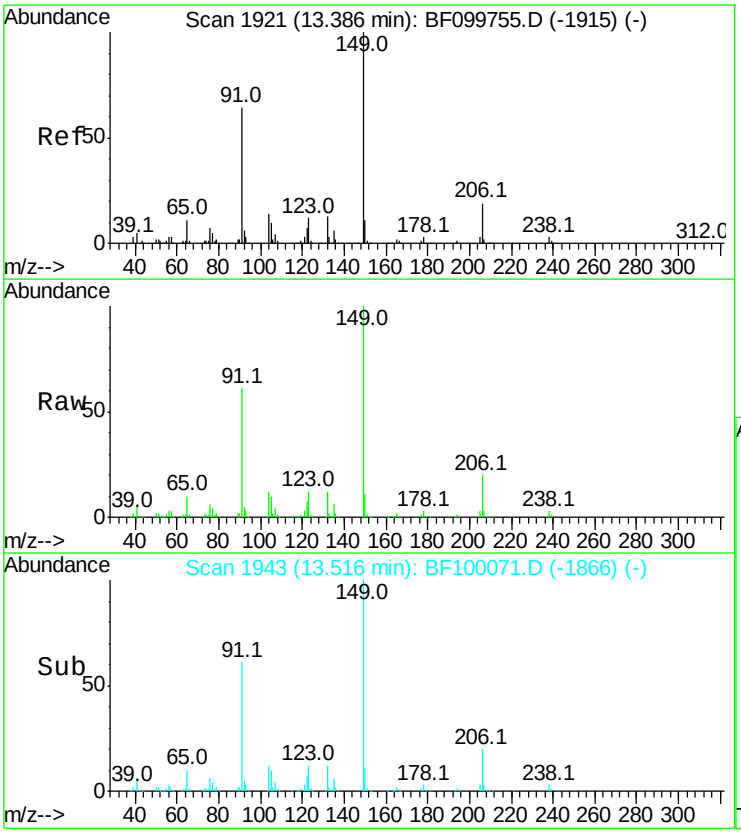
#78
Terphenyl-d14
Concen: 103.274 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.08 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 762282

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4

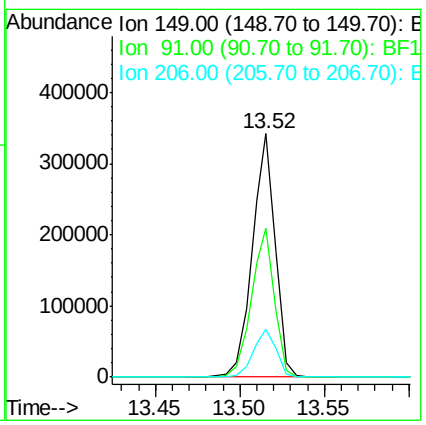


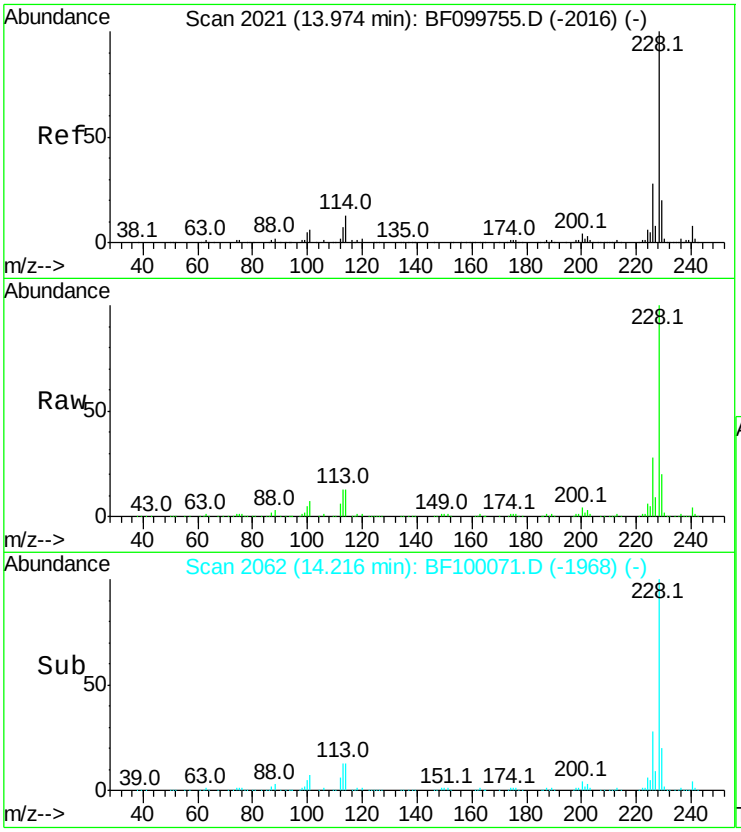


#79
Butylbenzylphthalate
Concen: 53.196 ng
RT: 13.52 min Scan# 1943
Delta R.T. 0.15 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:149 Resp: 321300

Ion	Ratio	Lower	Upper
149	100		
91	61.0	56.8	85.2
206	19.6	14.1	21.1



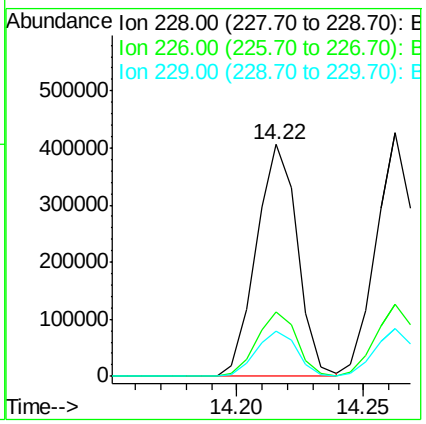


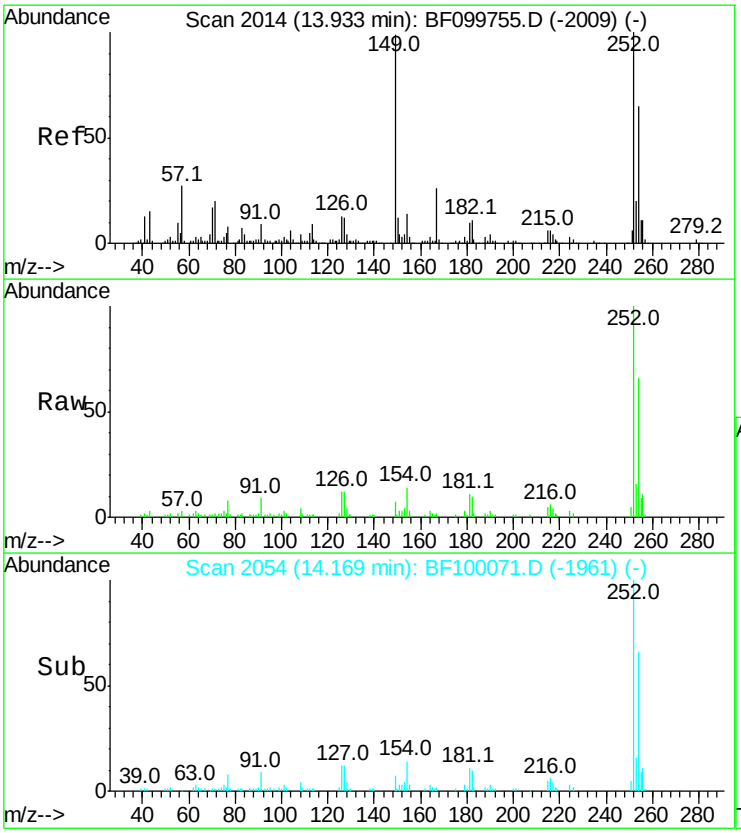
#80
Benzo(a)anthracene
Concen: 44.927 ng
RT: 14.22 min Scan# 2062
Delta R.T. 0.25 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 459412

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6

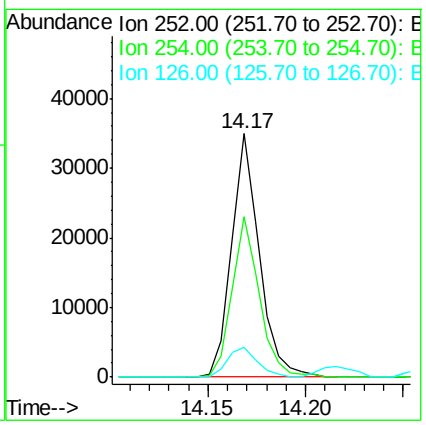


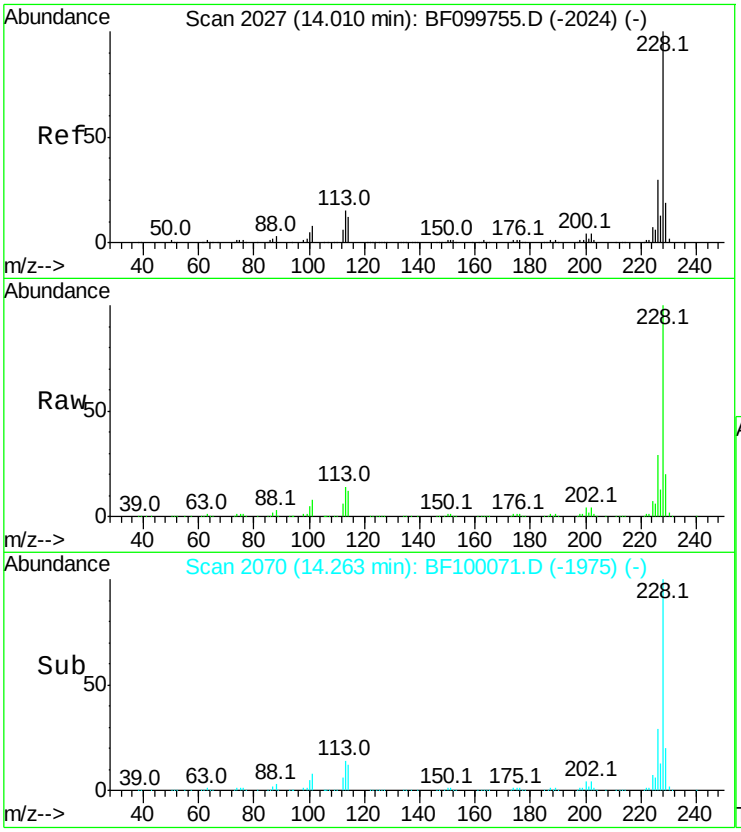


#81
3,3'-Dichlorobenzidine
Concen: 9.279 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.25 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:252 Resp: 34441

Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	12.2	11.3	16.9



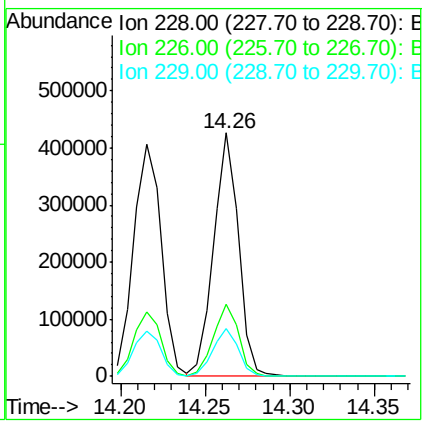


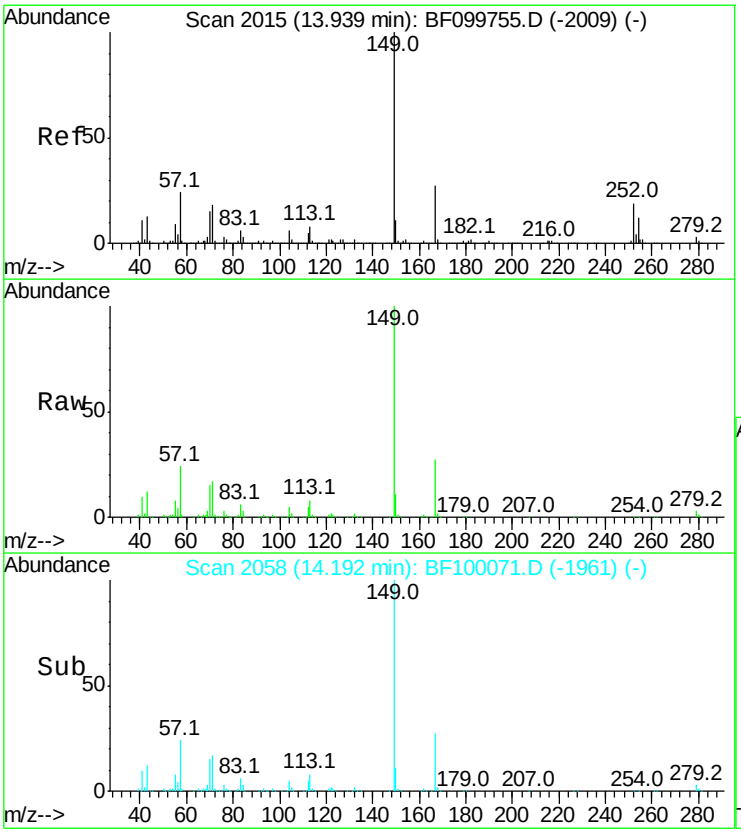
#82
Chrysene
Concen: 45.739 ng
RT: 14.26 min Scan# 2070
Delta R.T. 0.26 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 439712

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.5	16.2	24.4

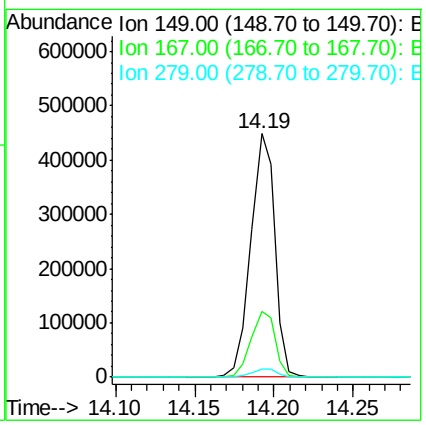


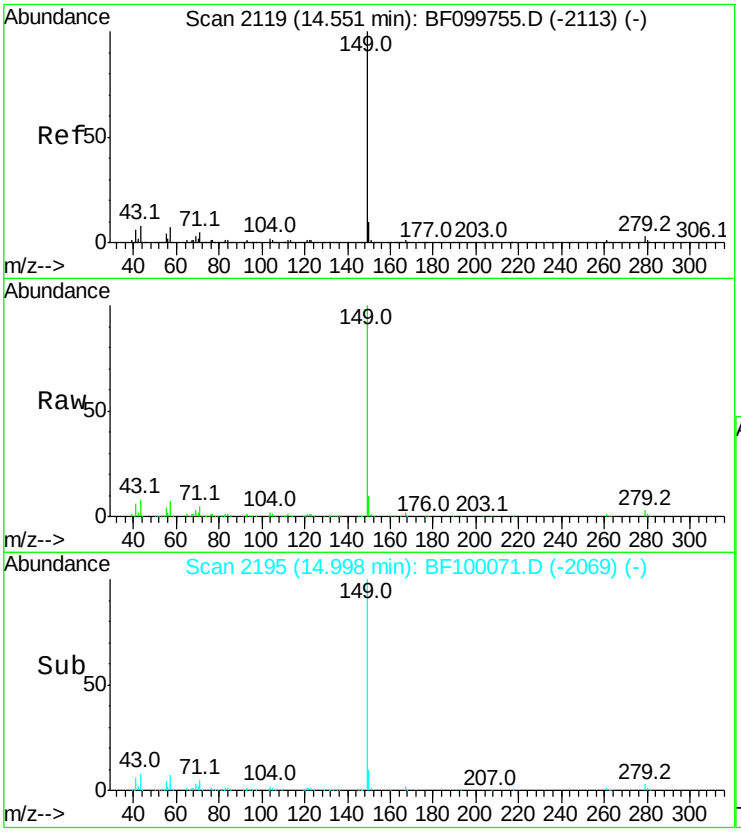


#83
Bis(2-ethylhexyl)phthalate
Concen: 55.777 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.27 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion:149 Resp: 473099

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.1	3.0	4.4



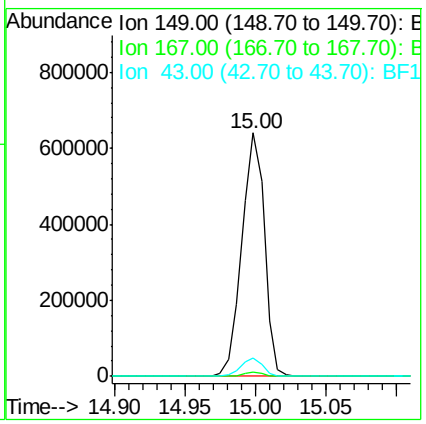


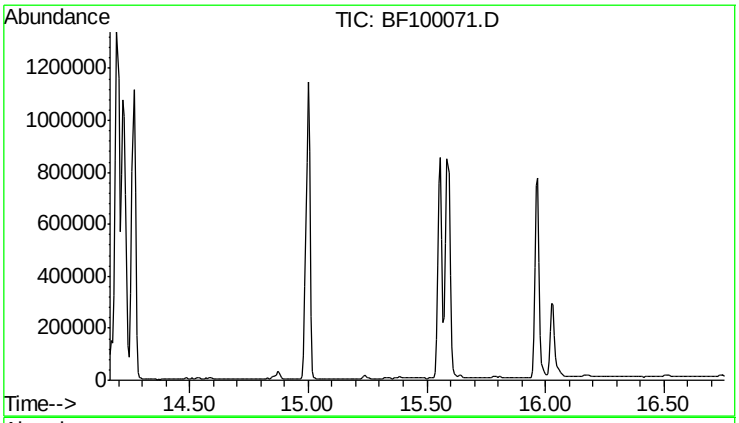
#84
Di-n-octyl phthalate
Concen: 49.255 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.44 min
Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

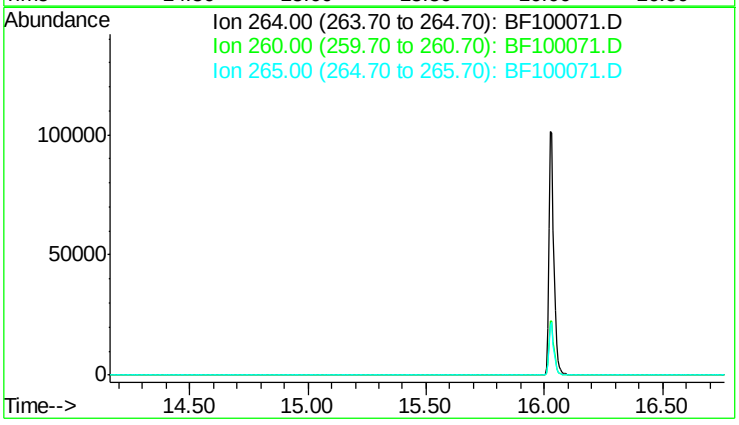
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 717061

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.4	8.4	12.6#







#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.46 min

Lab File: BF100071.D
Acq: 2 Nov 2017 4:00

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.0
265	21.9