Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
Data File : BF078667.D
Acq On : 21 Apr 2015 4:52
Operator : TP/IZ
Sample : G1943-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-A-1MSD

Quant Time: Apr 21 05:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 03:43:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	29224	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	122314	20.00	ng		-0.01
38) Acenaphthene-d10	11.20	164	62041	20.00	ng		-0.01
63) Phenanthrene-d10	13.93	188	118072	20.00	ng		-0.01
75) Chrysene-d12	17.79	240	125188	20.00	ng		-0.01
86) Perylene-d12	19.49	264	122164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	32365	18.26	ng		0.00
7) Phenol-d6	5.36	99	48316	21.75	ng		0.00
23) Nitrobenzene-d5	6.79	82	28147	13.95	ng		-0.01
41) 2,4,6-Tribromophenol	12.67	330	12781	24.84	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	67848	15.63	ng		-0.01
78) Terphenyl-d14	16.46	244	81121	14.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.44	88	2420	3.02	ng	#	1
3) Pyridine	1.98	79	9026	4.30	ng	#	65
4) n-Nitrosodimethylamine	1.91	42	2483	3.07	ng	#	85
6) Aniline	5.35	93	14357	4.56	ng		92
8) 2-Chlorophenol	5.52	128	14825	7.07	ng		97
9) Benzaldehyde	5.18	77	1947	1.32	ng		95
10) Phenol	5.38	94	18765	7.05	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	13226	6.91	ng		98
12) 1,3-Dichlorobenzene	5.75	146	13838	6.01	ng		98
13) 1,4-Dichlorobenzene	5.88	146	14456	6.24	ng		95
14) 1,2-Dichlorobenzene	6.11	146	14085	6.48	ng		98
15) Benzyl Alcohol	6.14	79	11501	7.37	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	17581	6.89	ng		72
17) 2-Methylphenol	6.36	107	11984	7.36	ng		96
18) Hexachloroethane	6.66	117	4930	6.31	ng	#	78
19) n-Nitroso-di-n-propylamine	6.58	70	10617	7.24	ng		92
20) 3+4-Methylphenols	6.64	107	14563	6.71	ng		97
22) Acetophenone	6.55	105	20518	7.20	ng	#	88
24) Nitrobenzene	6.82	77	14697	6.97	ng	#	85
25) Isophorone	7.26	82	27468	7.17	ng		99
26) 2-Nitrophenol	7.38	139	6252	6.22	ng		92
27) 2,4-Dimethylphenol	7.54	122	13154	7.04	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	17268	7.03	ng		99
29) 2,4-Dichlorophenol	7.84	162	11673	6.86	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	13517	6.93	ng		96
31) Naphthalene	8.06	128	46238	7.26	ng		99
33) 4-Chloroaniline	8.22	127	15121	5.72	ng		99
34) Hexachlorobutadiene	8.31	225	7402	6.91	ng		99
35) Caprolactam	8.81	113	2920	5.75	ng		90
36) 4-Chloro-3-methylphenol	9.18	107	13919	8.11	ng		91
37) 2-Methylnaphthalene	9.31	142	32337	7.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	14197	7.39	ng		99
40) Hexachlorocyclopentadiene	9.61	237	3424	10.60	ng		98
42) 2,4,6-Trichlorophenol	9.87	196	9204	7.59	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
Data File : BF078667.D
Acq On : 21 Apr 2015 4:52
Operator : TP/IZ
Sample : G1943-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-A-1MSD

Quant Time: Apr 21 05:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 03:43:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.95	196	9519	7.52	ng	#	91
45) 1,1'-Biphenyl	10.19	154	39497	7.78	ng		98
46) 2-Chloronaphthalene	10.19	162	30454	7.63	ng		99
47) 2-Nitroaniline	10.43	65	7609	7.70	ng		99
48) Acenaphthylene	10.94	152	51273	7.95	ng		99
49) Dimethylphthalate	10.83	163	56024	12.02	ng		97
50) 2,6-Dinitrotoluene	10.93	165	6644	6.93	ng	#	45
51) Acenaphthene	11.26	154	30672	8.45	ng		98
52) 3-Nitroaniline	11.21	138	7495	6.87	ng	#	96
54) Dibenzofuran	11.59	168	48006	8.66	ng		98
55) 4-Nitrophenol	11.66	139	7226	11.45	ng	#	74
56) 2,4-Dinitrotoluene	11.67	165	8908	7.17	ng	#	81
57) Fluorene	12.22	166	41016	9.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	6562	6.99	ng	#	99
59) Diethylphthalate	12.16	149	36634	8.15	ng		98
60) 4-Chlorophenyl-phenylether	12.29	204	16493	7.98	ng	#	85
61) 4-Nitroaniline	12.33	138	6886	6.25	ng		98
62) Azobenzene	12.57	77	35005	8.53	ng		90
64) 4,6-Dinitro-2-methylphenol	12.41	198	815	9.71	ng		80
65) n-Nitrosodiphenylamine	12.51	169	31053	7.60	ng		97
66) 4-Bromophenyl-phenylether	13.18	248	9837	7.87	ng		91
67) Hexachlorobenzene	13.22	284	10748	7.84	ng		99
68) Atrazine	13.59	200	10079	8.52	ng		97
69) Pentachlorophenol	13.63	266	3100	12.37	ng		95
70) Phenanthrene	13.98	178	169735	24.85	ng		99
71) Anthracene	14.07	178	82029	12.19	ng		99
72) Carbazole	14.40	167	56640	8.98	ng		97
73) Di-n-butylphthalate	15.09	149	60684	8.49	ng		100
74) Fluoranthene	15.86	202	301832	41.91	ng		94
76) Benzidine	16.13	184	19515	4.05	ng		98
77) Pyrene	16.17	202	272113	34.63	ng		96
79) Butylbenzylphthalate	17.15	149	26024	8.69	ng		95
80) Benzo(a)anthracene	17.78	228	160207	21.51	ng		99
81) 3,3'-Dichlorobenzidine	17.79	252	19142	7.67	ng	#	98
82) Chrysene	17.83	228	140988	20.15	ng		98
83) Bis(2-ethylhexyl)phthalate	17.92	149	40252	8.57	ng	#	97
84) Di-n-octyl phthalate	18.70	149	71020	9.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.63	276	113356	14.27	ng	#	85
87) Benzo(b)fluoranthene	19.06	252	261708	34.66	ng	#	97
88) Benzo(k)fluoranthene	19.06	252	264882	39.48	ng		98
89) Benzo(a)pyrene	19.42	252	129038	19.58	ng	#	92
90) Dibenzo(a,h)anthracene	20.65	278	60326	9.14	ng	#	93
91) Benzo(g,h,i)perylene	20.95	276	96588	14.60	ng		100

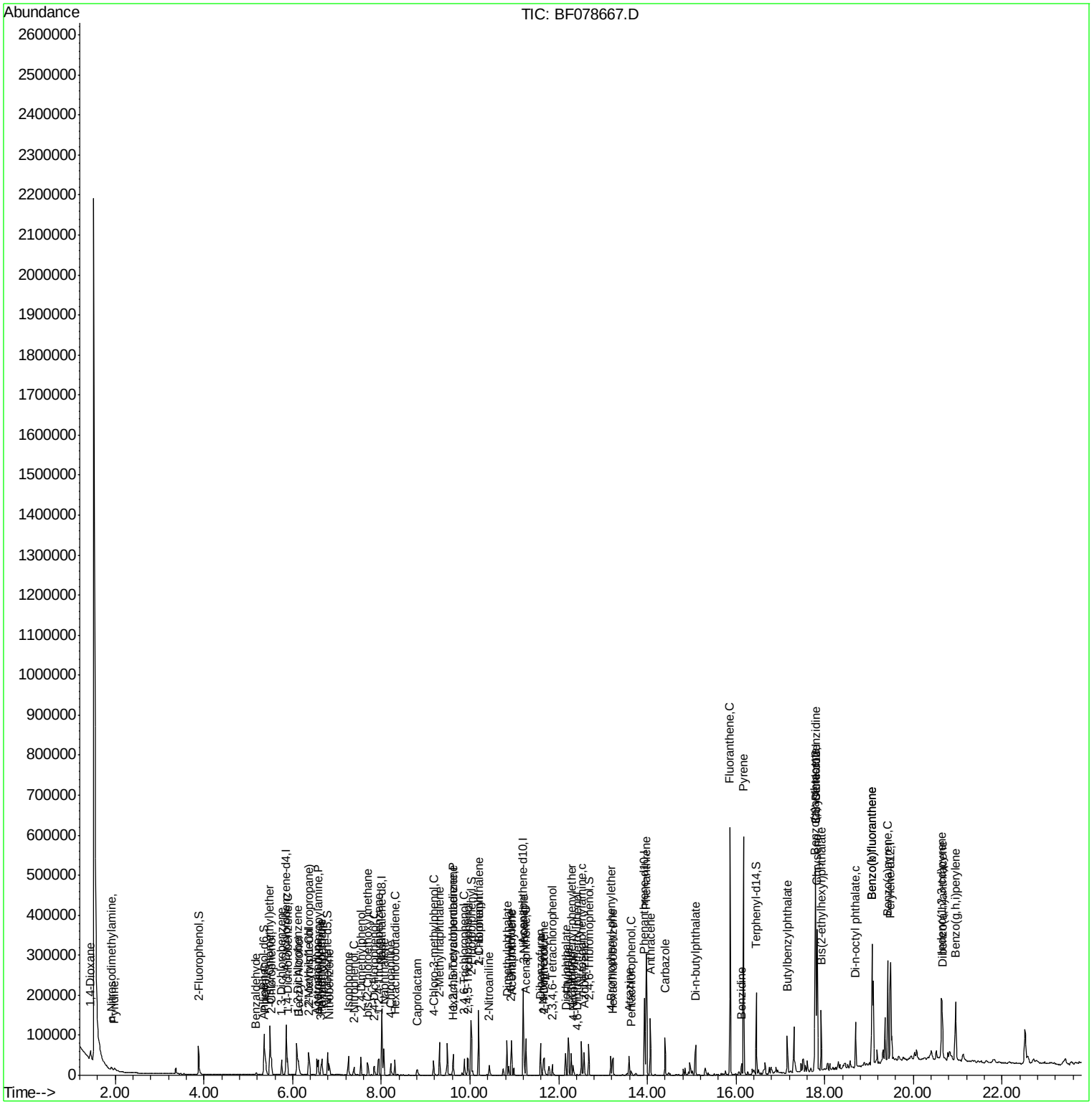
(#) = qualifier out of range (m) = manual integration (+) = signals summed

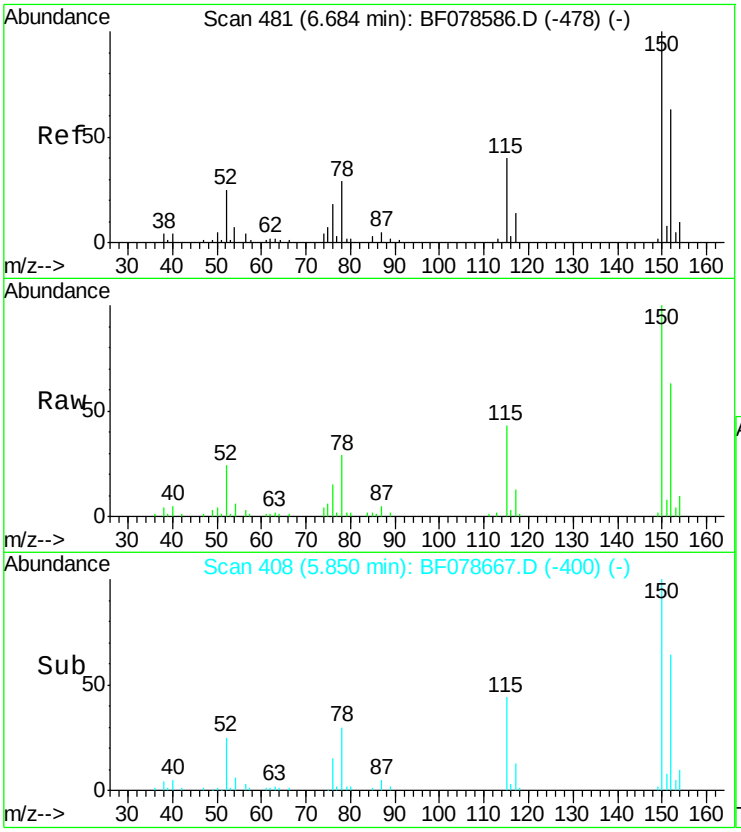
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
Data File : BF078667.D
Acq On : 21 Apr 2015 4:52
Operator : TP/IZ
Sample : G1943-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Quant Time: Apr 21 05:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 03:43:19 2015
Response via : Initial Calibration



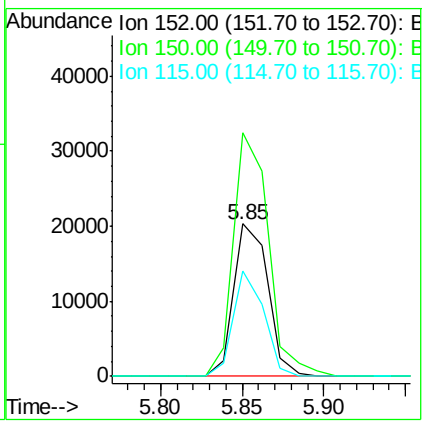


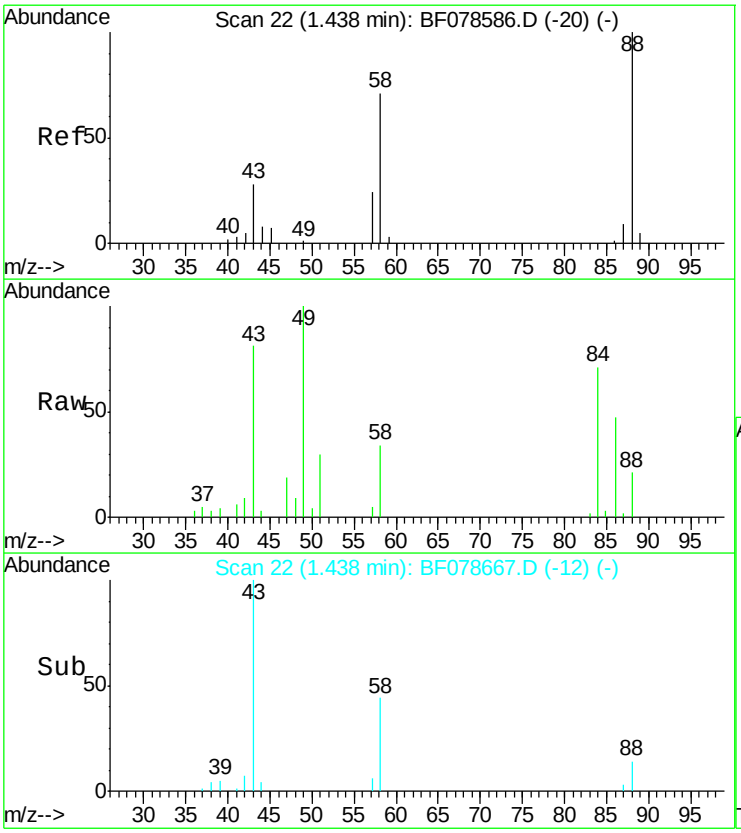
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:152 Resp: 29224

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	69.0	52.7	79.1

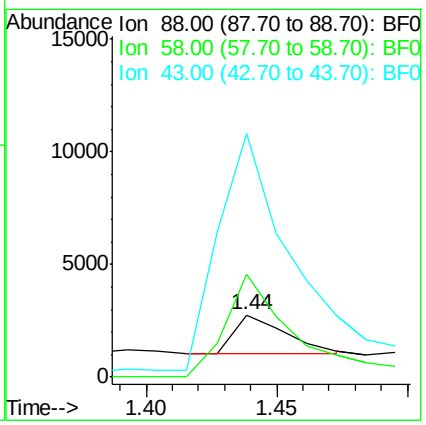


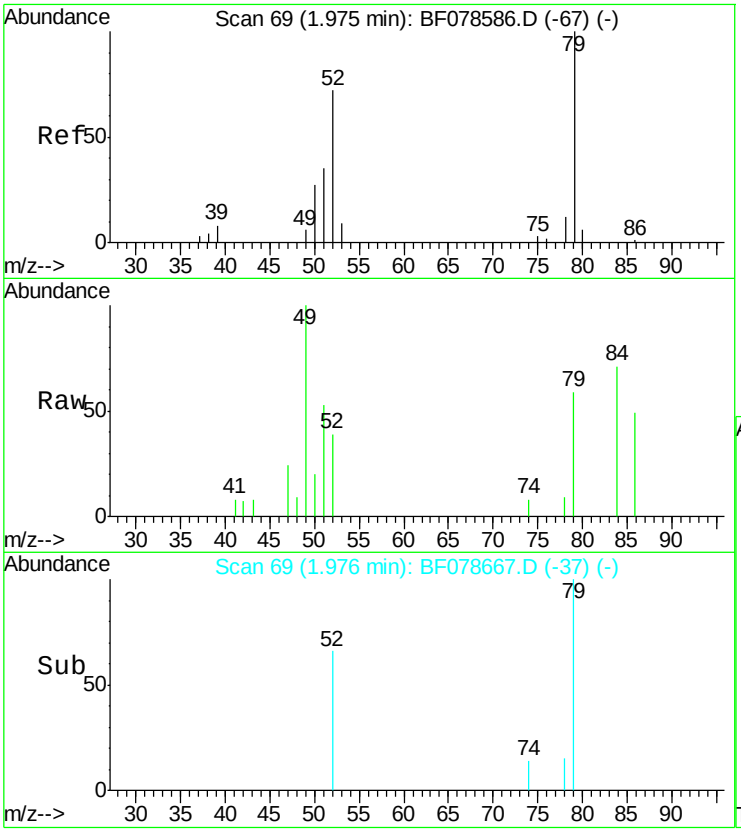


#2
1,4-Dioxane
Concen: 3.02 ng
RT: 1.44 min Scan# 22
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 88 Resp: 2420

Ion	Ratio	Lower	Upper
88	100		
58	317.4	56.9	85.3#
43	822.5	21.4	32.2#



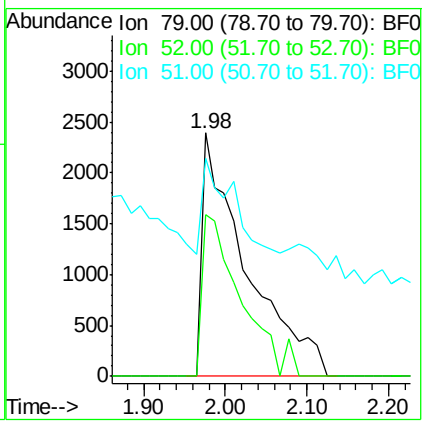


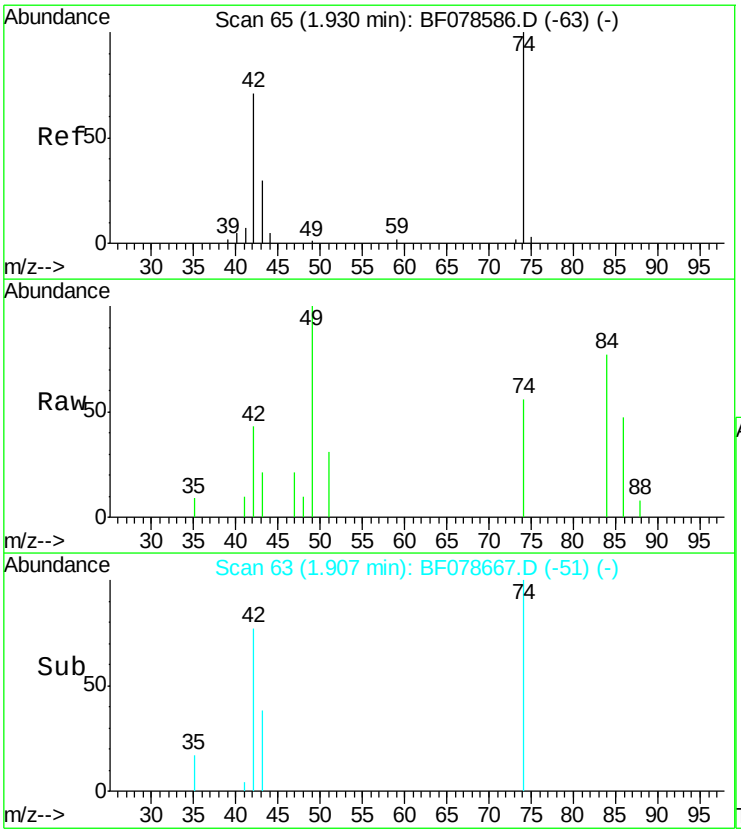
#3
Pyridine
Concen: 4.30 ng
RT: 1.98 min Scan# 69
Delta R.T. 0.07 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 79 Resp: 9026

Ion	Ratio	Lower	Upper
79	100		
52	66.3	52.4	78.6
51	89.4	24.9	37.3#

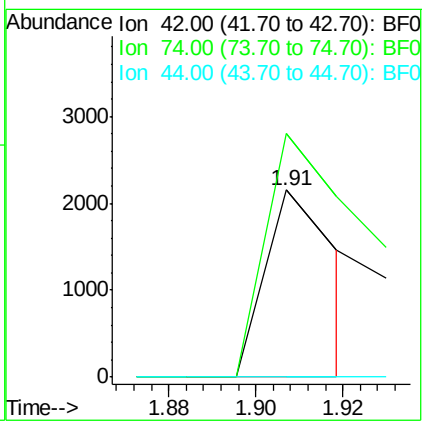


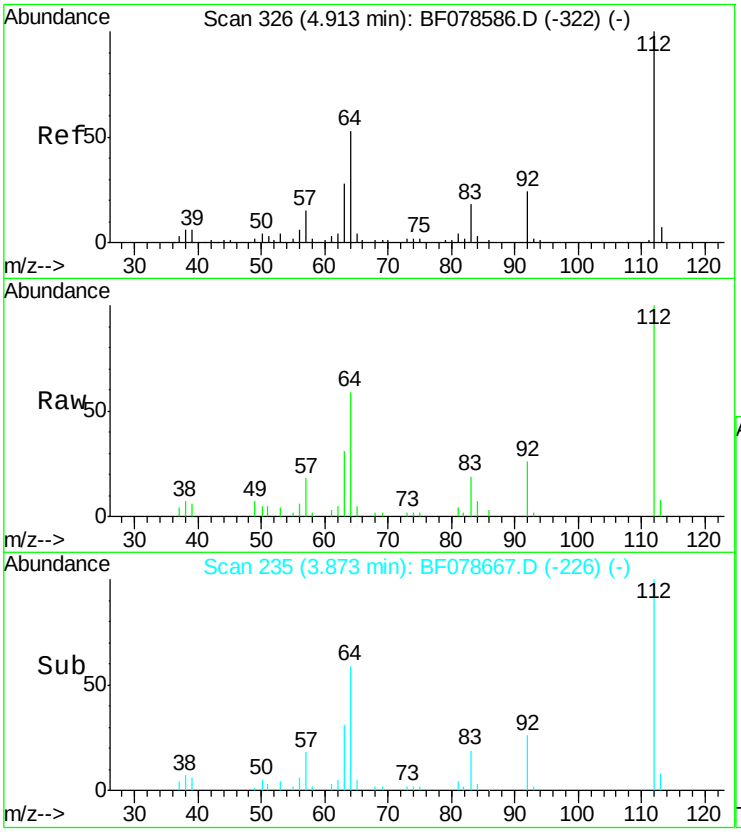


#4
n-Nitrosodimethylamine
Concen: 3.07 ng
RT: 1.91 min Scan# 63
Delta R.T. 0.03 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 42 Resp: 2483

Ion	Ratio	Lower	Upper
42	100		
74	130.2	118.7	178.1
44	0.0	5.9	8.9#



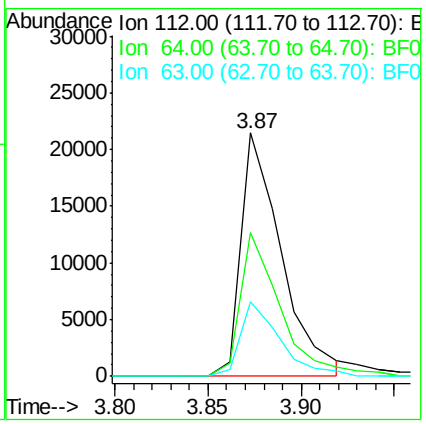


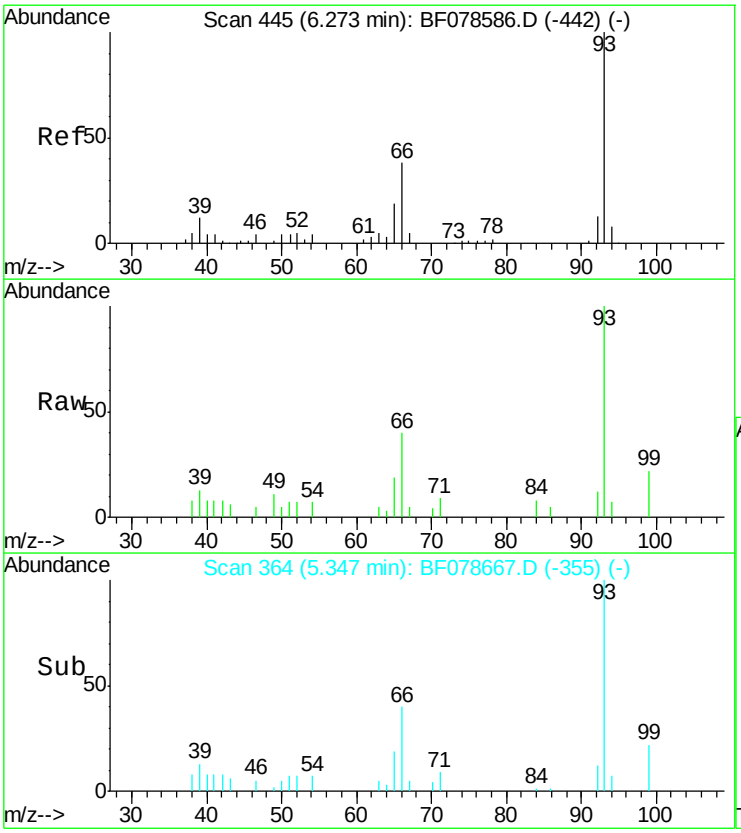
#5
2-Fluorophenol
Concen: 18.26 ng
RT: 3.87 min Scan# 235
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:112 Resp: 32365

Ion	Ratio	Lower	Upper
112	100		
64	58.8	39.9	59.9
63	30.7	20.2	30.4#

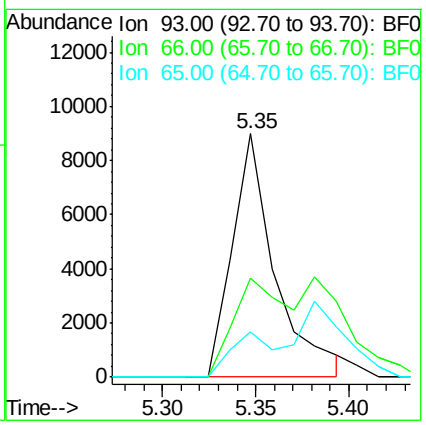


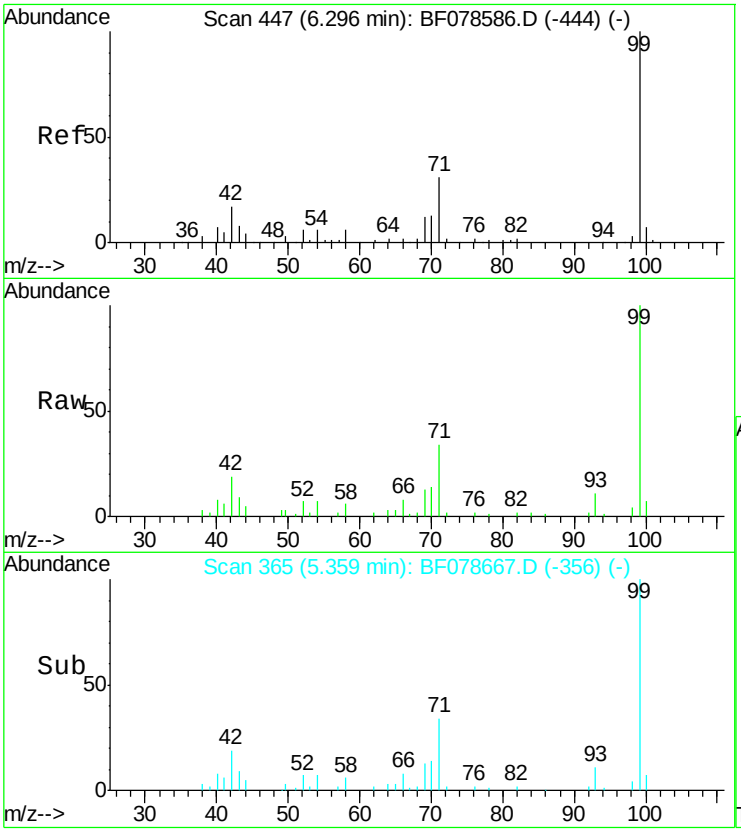


#6
Aniline
Concen: 4.56 ng
RT: 5.35 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 93 Resp: 14357

Ion	Ratio	Lower	Upper
93	100		
66	40.4	38.0	57.0
65	18.8	16.3	24.5



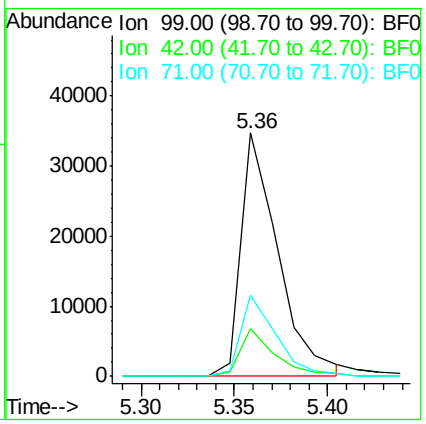


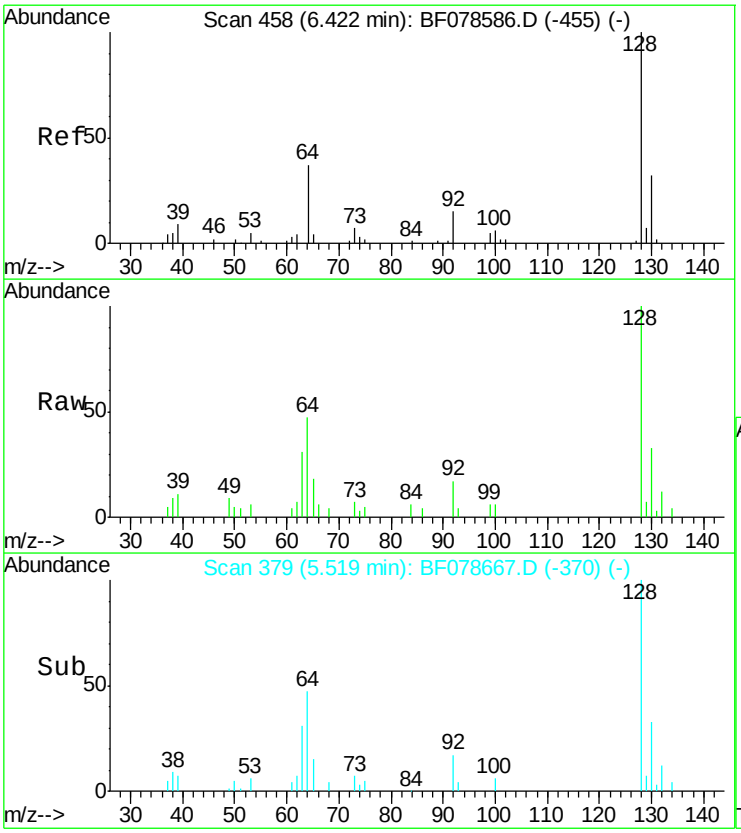
#7
Phenol-d6
Concen: 21.75 ng
RT: 5.36 min Scan# 365
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 99 Resp: 48316

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.8	22.2
71	33.5	26.6	39.8

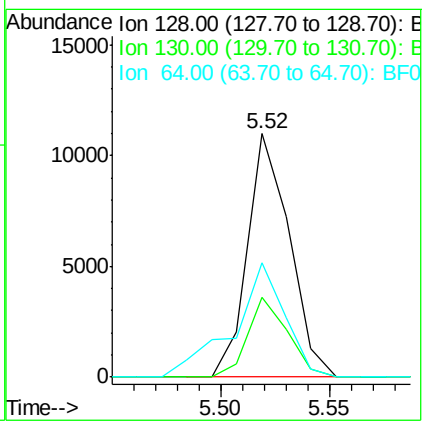


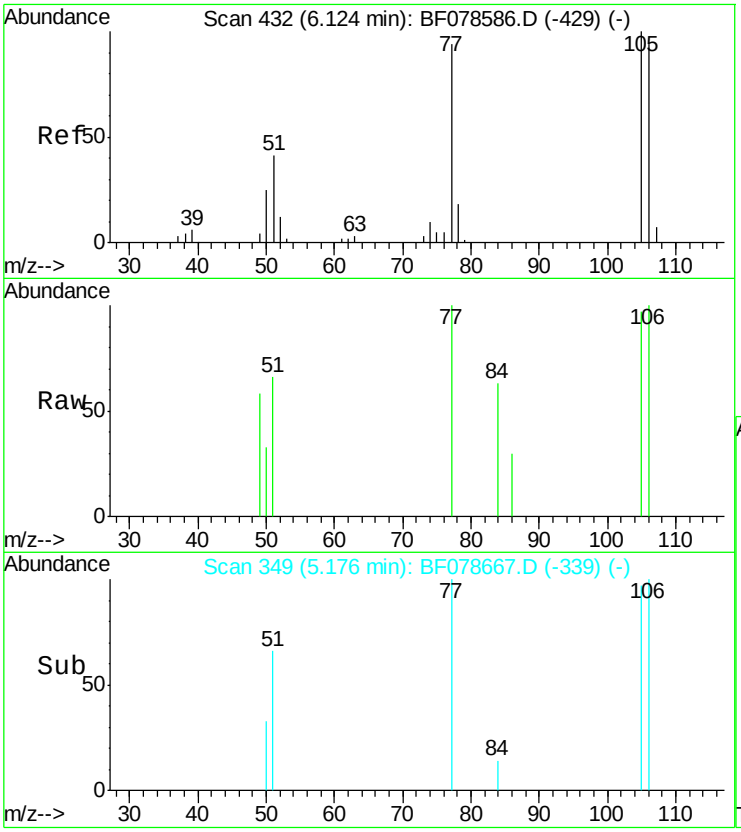


#8
2-Chlorophenol
Concen: 7.07 ng
RT: 5.52 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:128 Resp: 14825

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	47.2	23.8	63.8



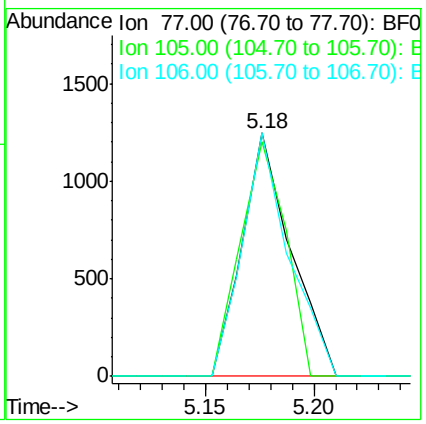


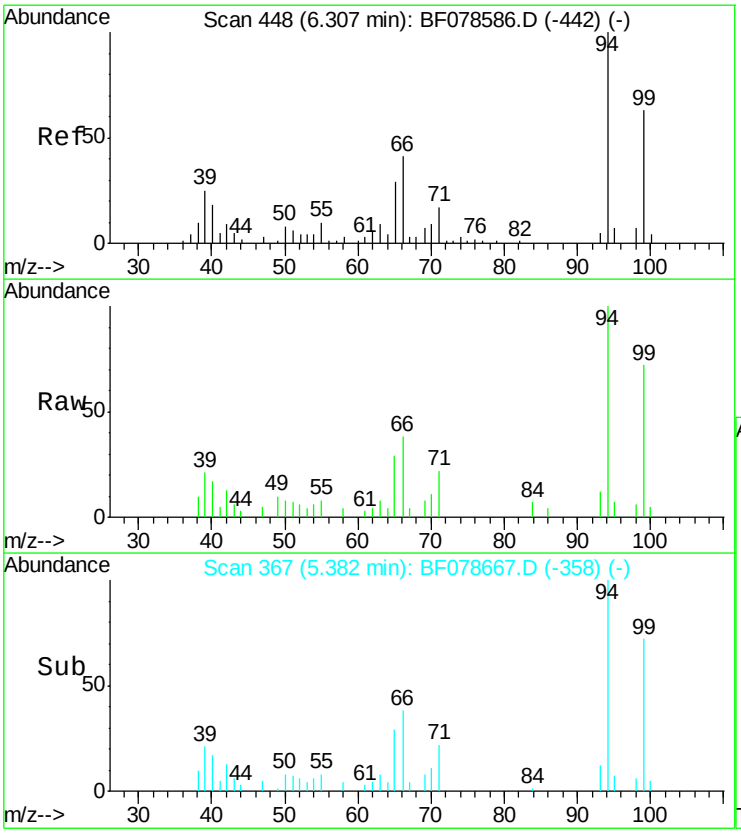
#9
Benzaldehyde
Concen: 1.32 ng
RT: 5.18 min Scan# 349
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 77 Resp: 1947

Ion	Ratio	Lower	Upper
77	100		
105	96.6	85.4	125.4
106	100.0	80.8	120.8

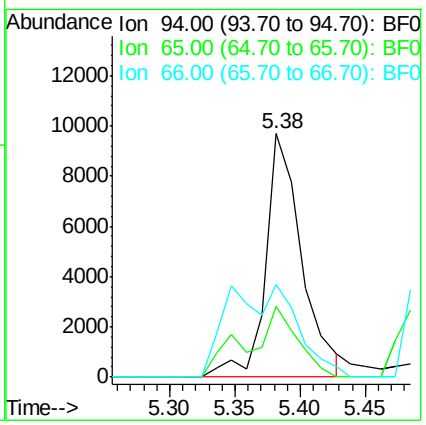


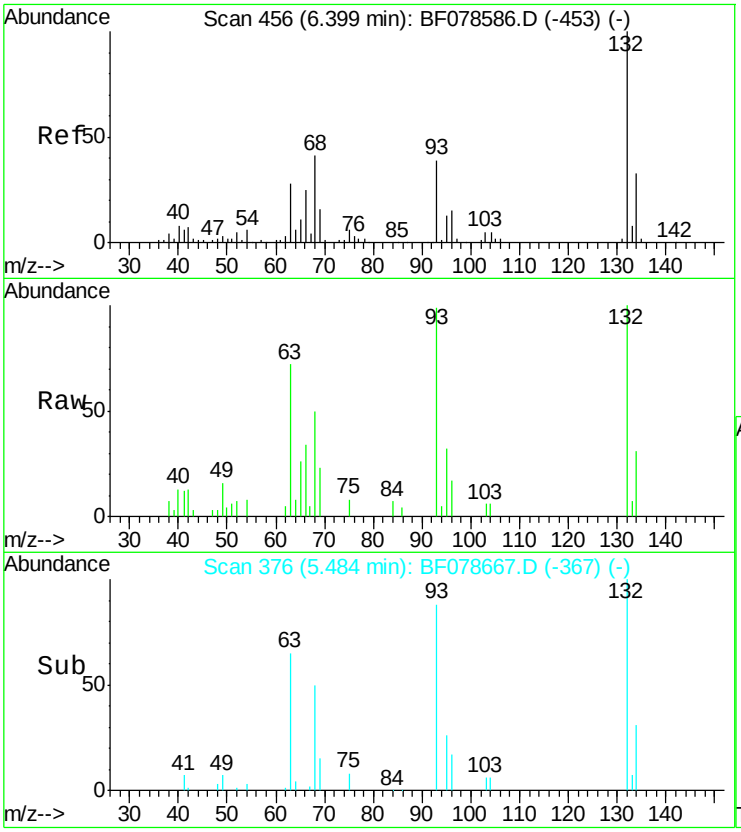


#10
Phenol
Concen: 7.05 ng
RT: 5.38 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 94 Resp: 18765

Ion	Ratio	Lower	Upper
94	100		
65	29.0	4.9	44.9
66	38.1	13.8	53.8



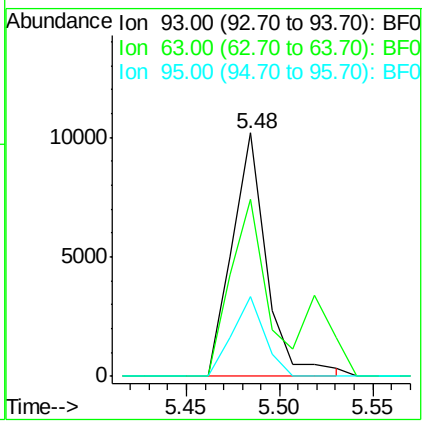


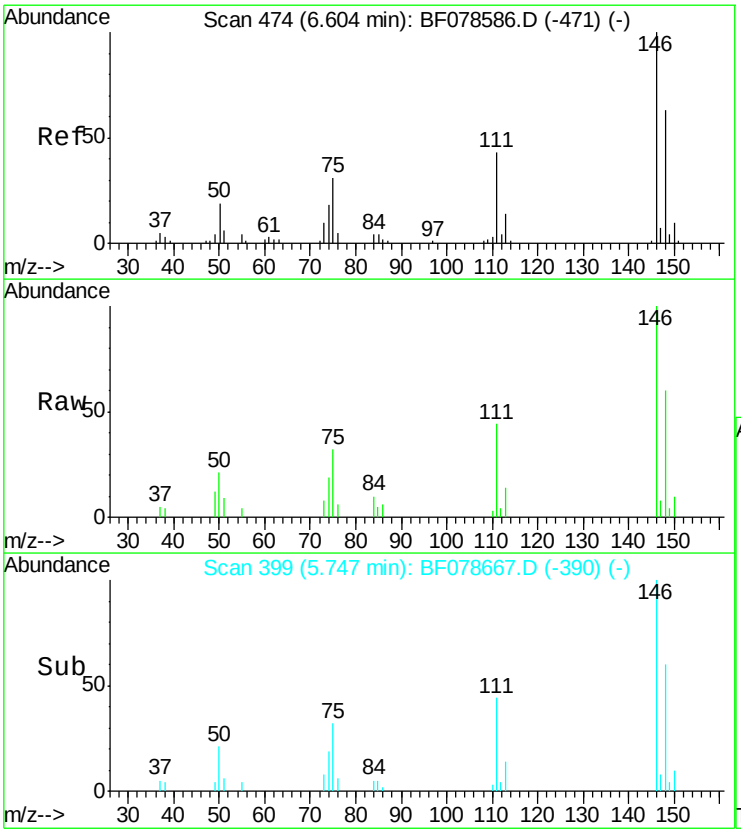
#11
bis(2-Chloroethyl)ether
Concen: 6.91 ng
RT: 5.48 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 93 Resp: 13226

Ion	Ratio	Lower	Upper
93	100		
63	72.6	54.6	94.6
95	32.7	13.6	53.6

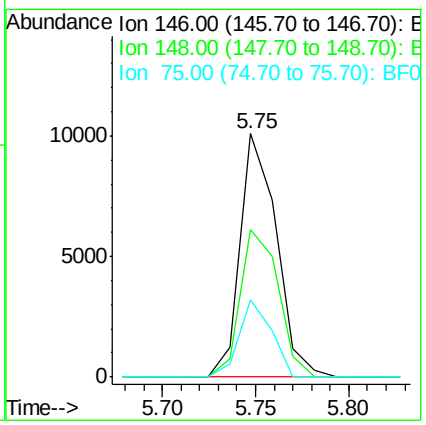


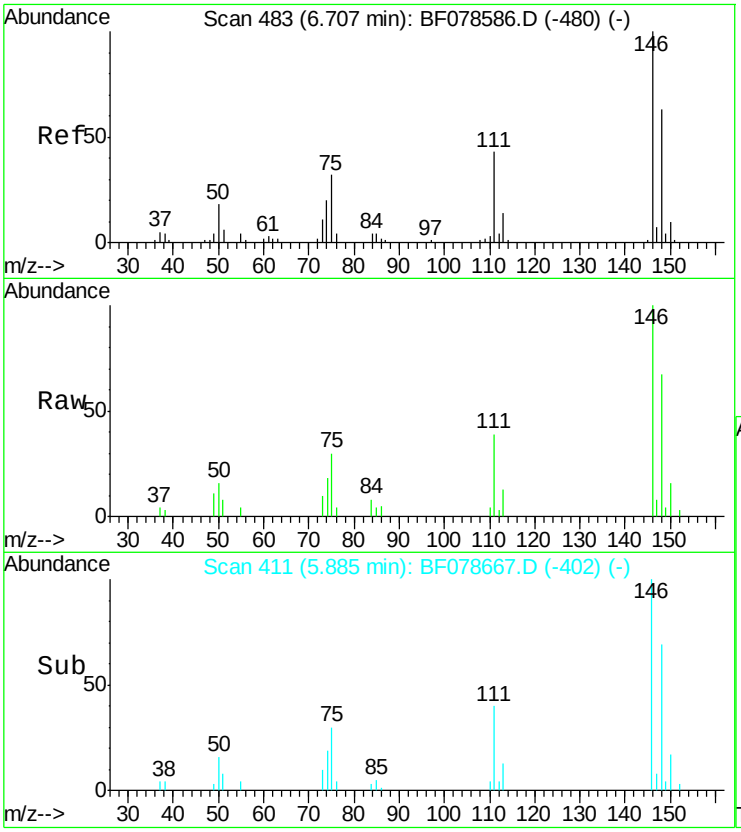


#12
1,3-Dichlorobenzene
Concen: 6.01 ng
RT: 5.75 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:146 Resp: 13838

Ion	Ratio	Lower	Upper
146	100		
148	60.4	49.1	73.7
75	31.6	26.6	40.0



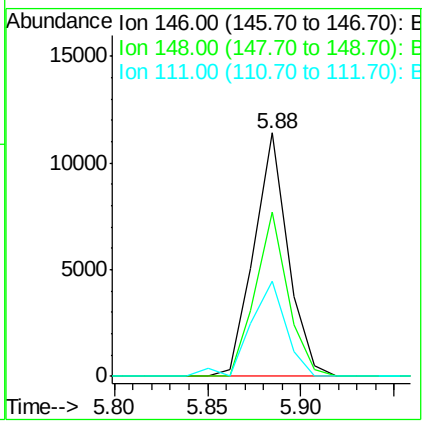


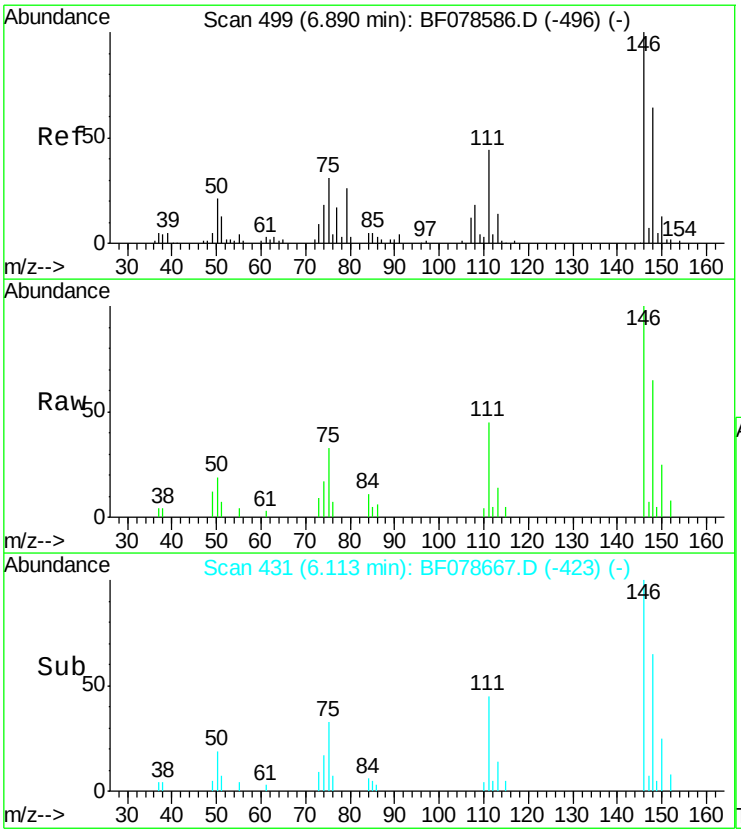
#13
1,4-Dichlorobenzene
Concen: 6.24 ng
RT: 5.88 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:146 Resp: 14456

Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.4	77.0
111	39.3	35.0	52.4

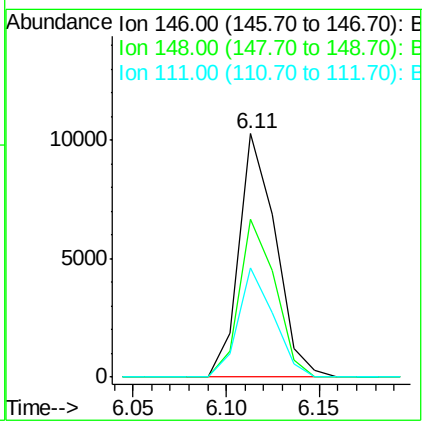


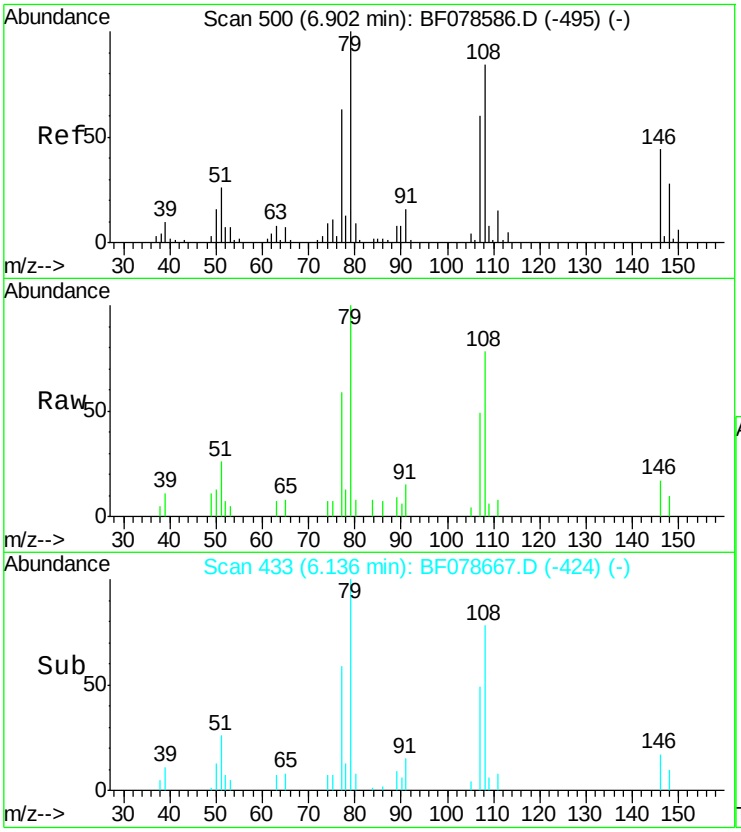


#14
1,2-Dichlorobenzene
Concen: 6.48 ng
RT: 6.11 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:146 Resp: 14085

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.4
111	45.0	36.1	54.1



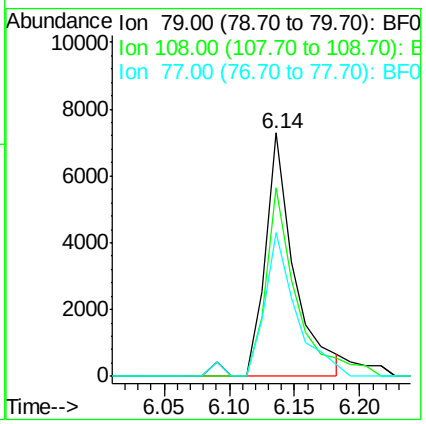


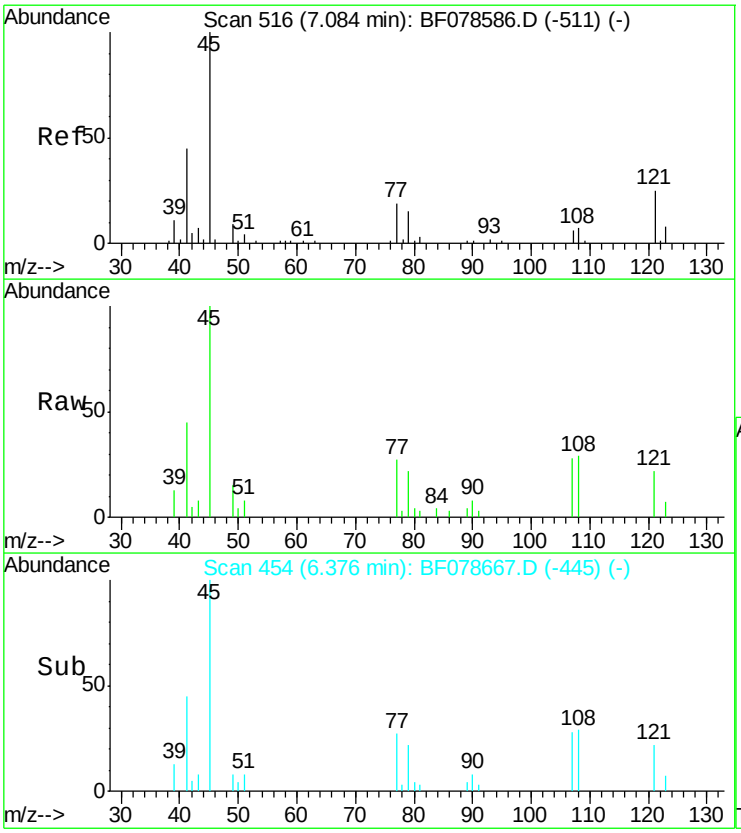
#15
Benzyl Alcohol
Concen: 7.37 ng
RT: 6.14 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 79 Resp: 11501

Ion	Ratio	Lower	Upper
79	100		
108	77.6	57.6	86.4
77	59.1	53.5	80.3

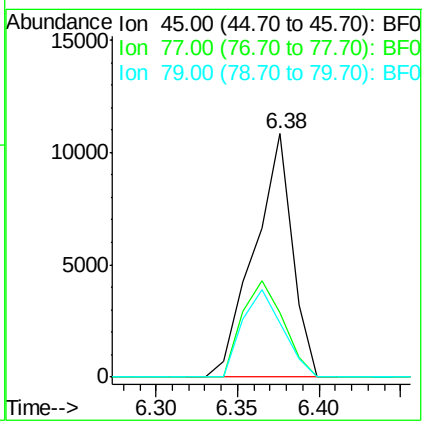


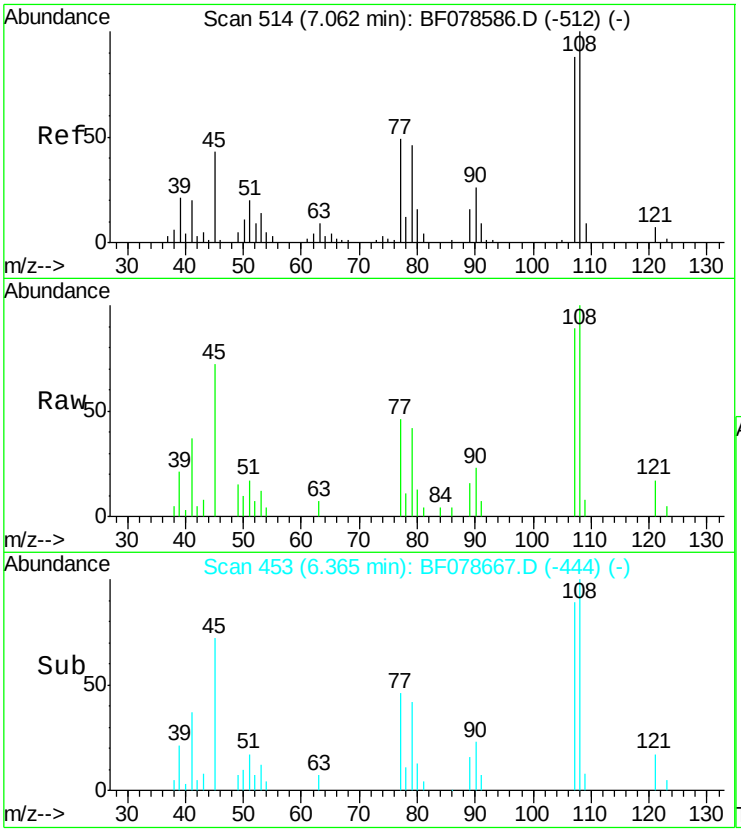


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.89 ng
RT: 6.38 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 45 Resp: 17581

Ion	Ratio	Lower	Upper
45	100		
77	26.6	0.0	34.5
79	22.1	0.0	31.9



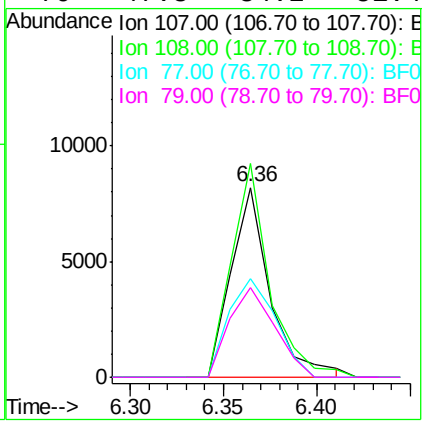


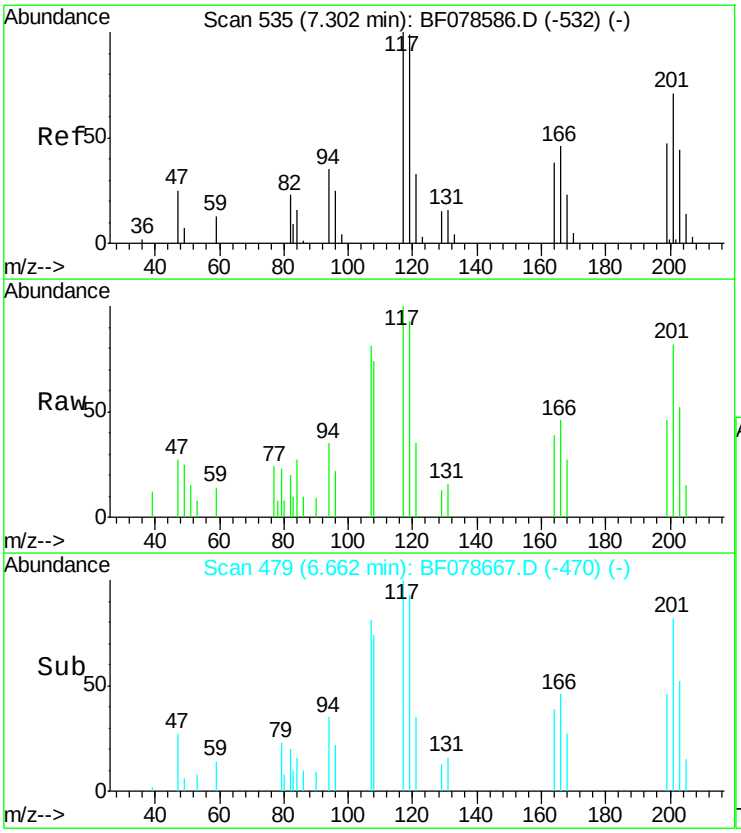
#17
2-Methylphenol
Concen: 7.36 ng
RT: 6.36 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:107 Resp: 11984

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.3	135.5
77	52.0	35.5	53.3
79	47.3	34.2	51.4

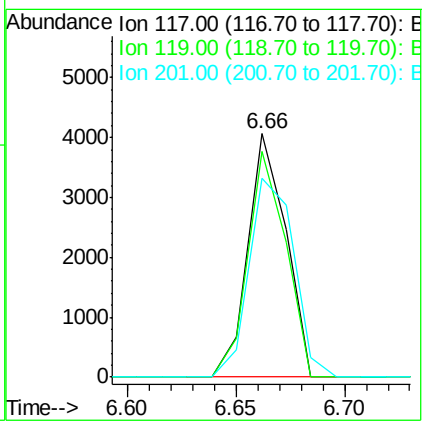


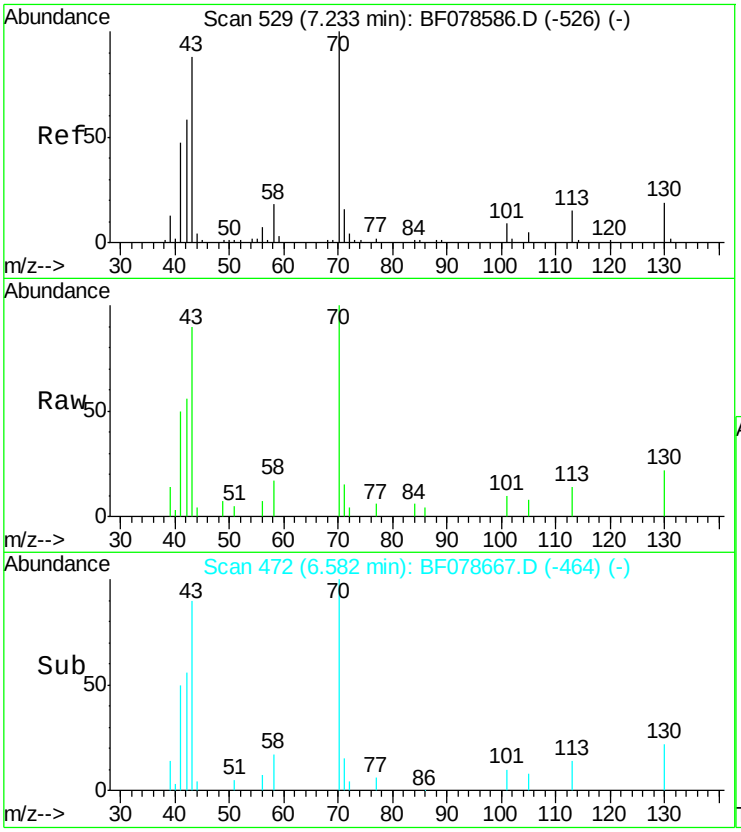


#18
Hexachloroethane
Concen: 6.31 ng
RT: 6.66 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:117 Resp: 4930

Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.0	115.6
201	81.7	98.1	147.1#



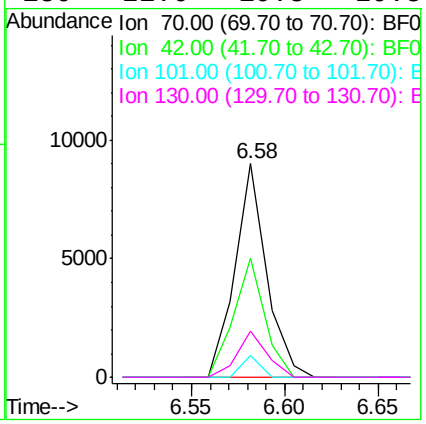


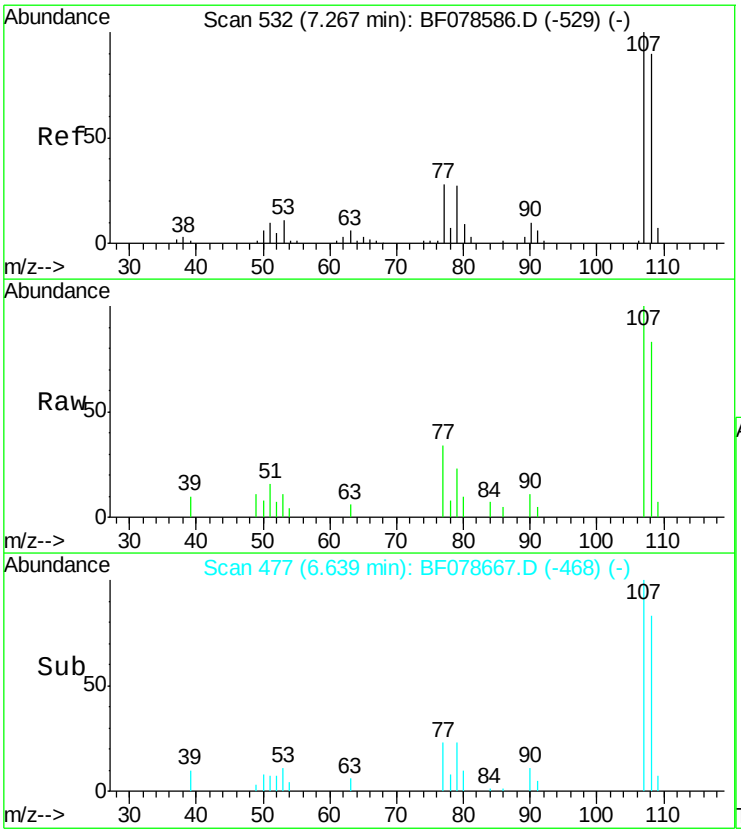
#19
n-Nitroso-di-n-propylamine
Concen: 7.24 ng
RT: 6.58 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 70 Resp: 10617

Ion	Ratio	Lower	Upper
70	100		
42	55.9	38.9	58.3
101	10.2	8.3	12.5
130	21.6	19.8	29.8

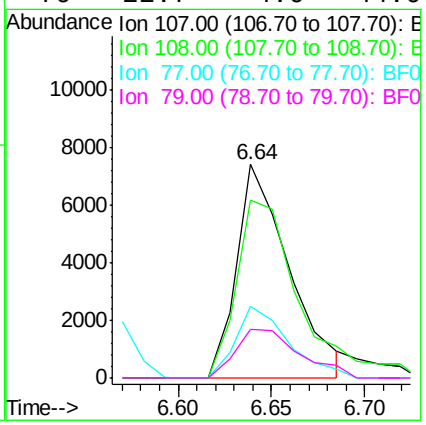


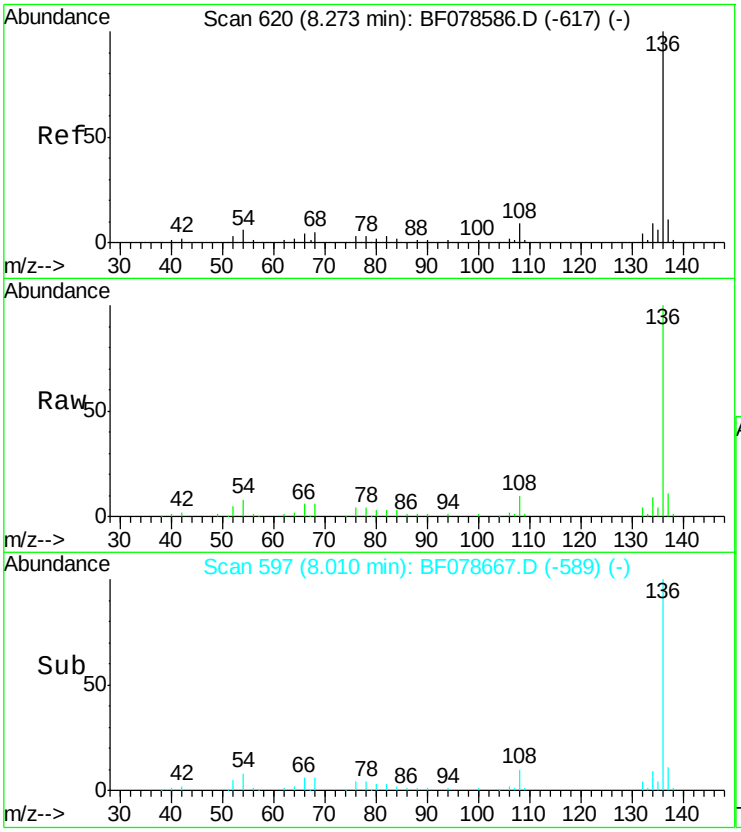


#20
3+4-Methylphenols
Concen: 6.71 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:107 Resp: 14563

Ion	Ratio	Lower	Upper
107	100		
108	83.3	64.4	104.4
77	33.6	9.7	49.7
79	22.7	4.0	44.0



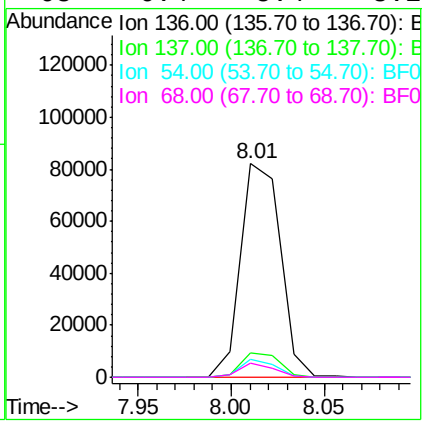


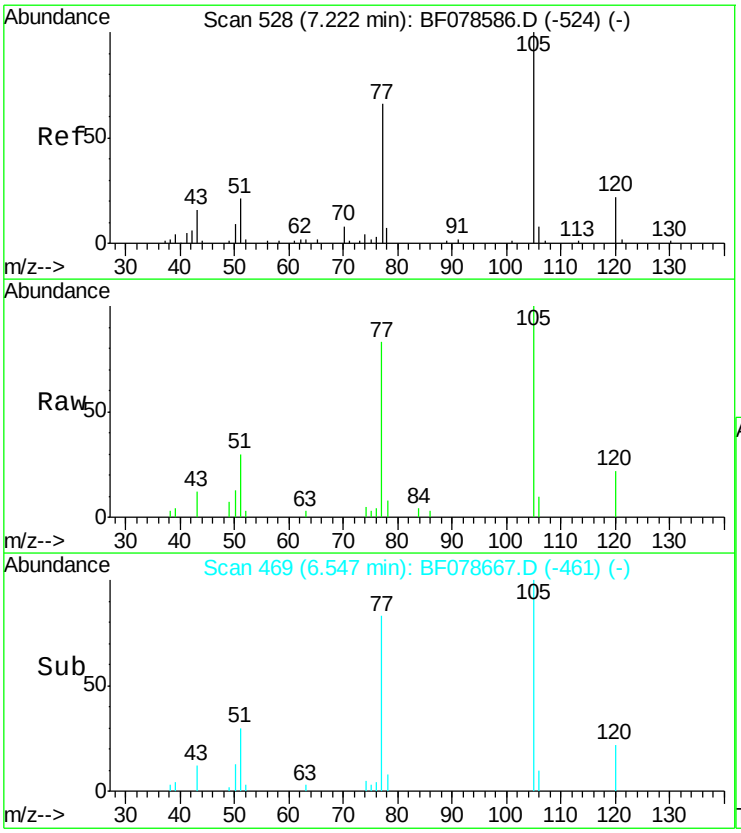
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:136 Resp: 122314

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.4	7.0	10.6
68	6.4	5.4	8.2

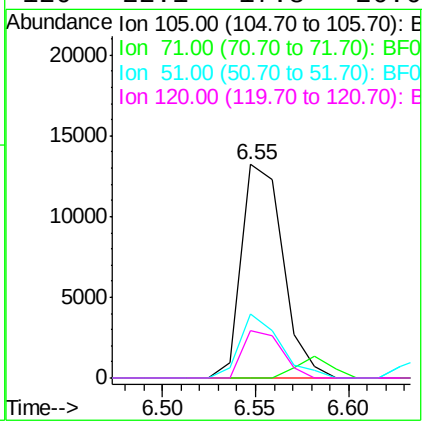


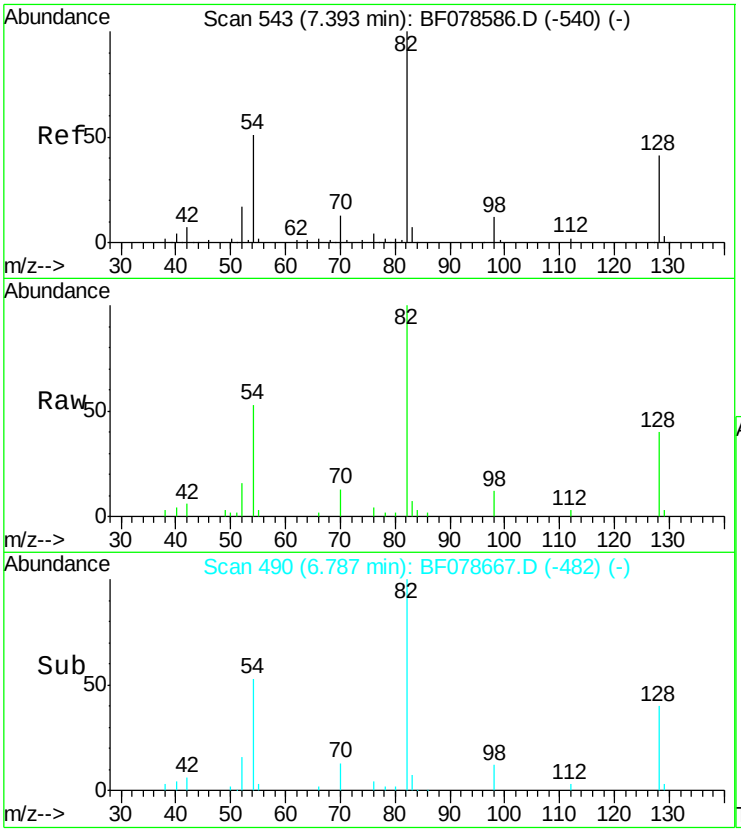


#22
Acetophenone
Concen: 7.20 ng
RT: 6.55 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:105 Resp: 20518

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	30.2	16.0	24.0#
120	22.1	17.8	26.6



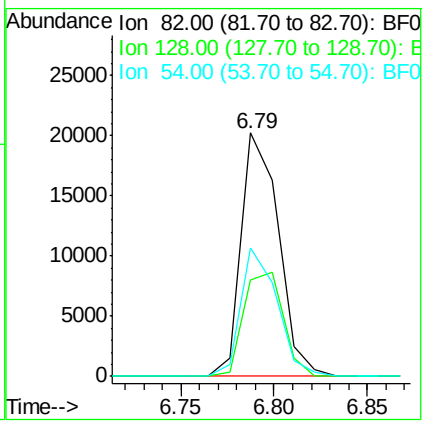


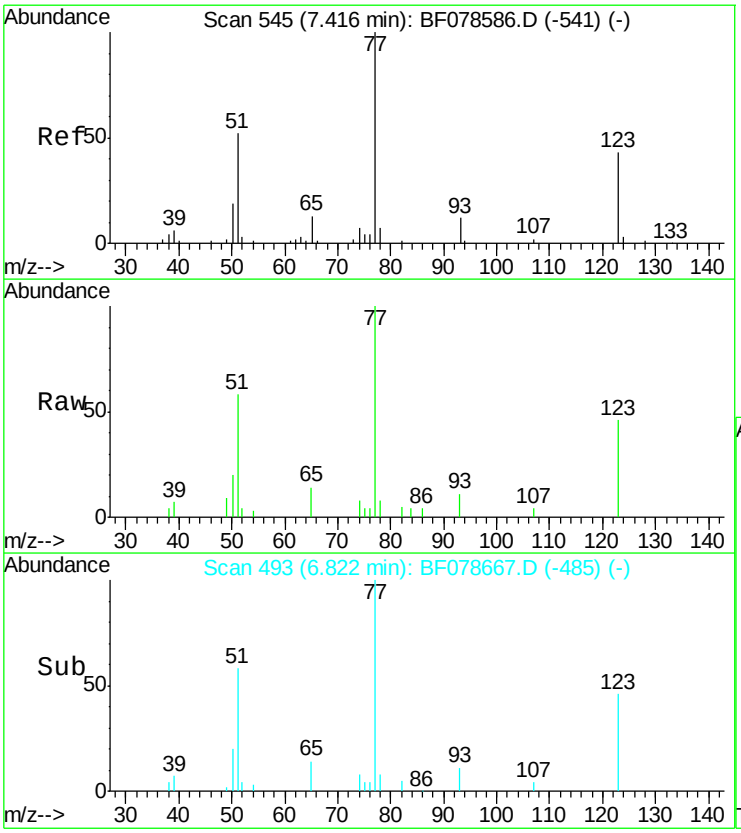
#23
Nitrobenzene-d5
Concen: 13.95 ng
RT: 6.79 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 82 Resp: 28147

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.8	47.8
54	52.8	41.5	62.3

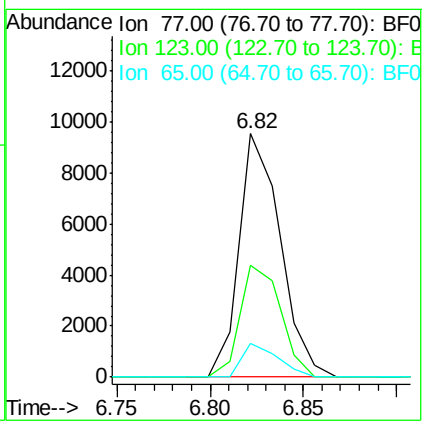


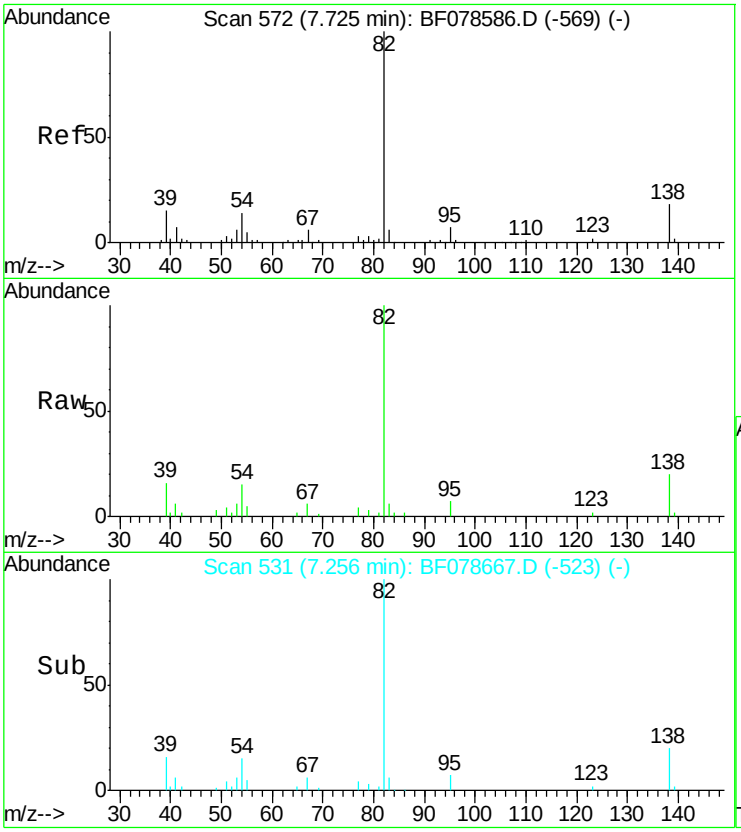


#24
Nitrobenzene
Concen: 6.97 ng
RT: 6.82 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 77 Resp: 14697

Ion	Ratio	Lower	Upper
77	100		
123	45.7	46.9	70.3#
65	14.1	9.5	14.3



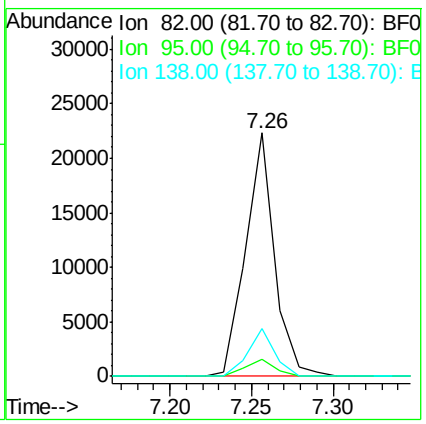


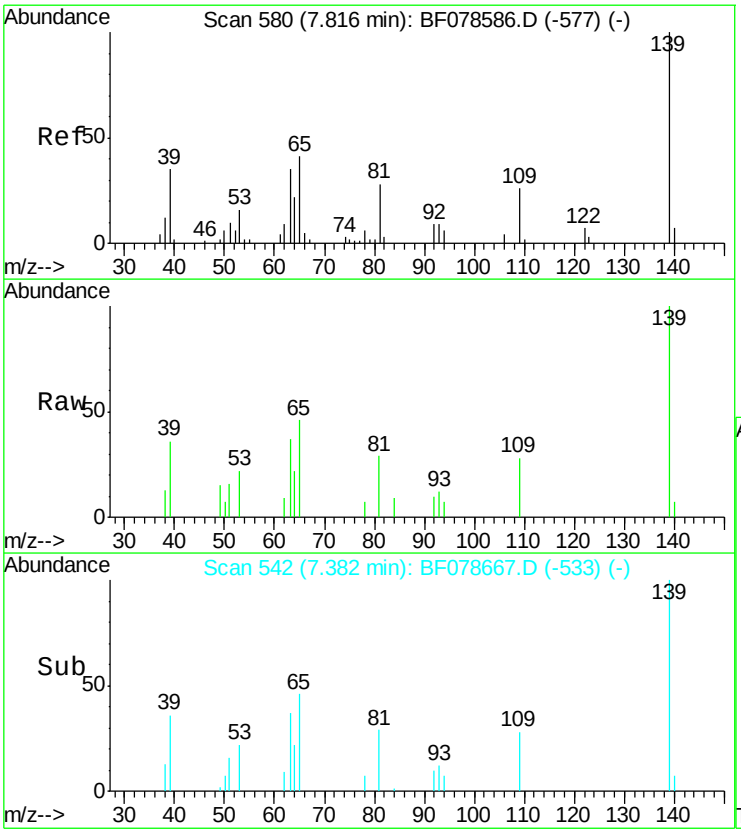
#25
Isophorone
Concen: 7.17 ng
RT: 7.26 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion: 82 Resp: 27468

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	19.6	15.8	23.8

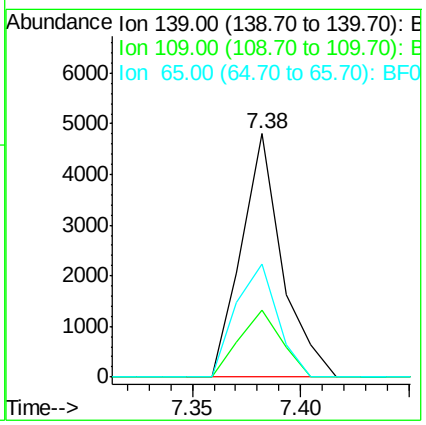


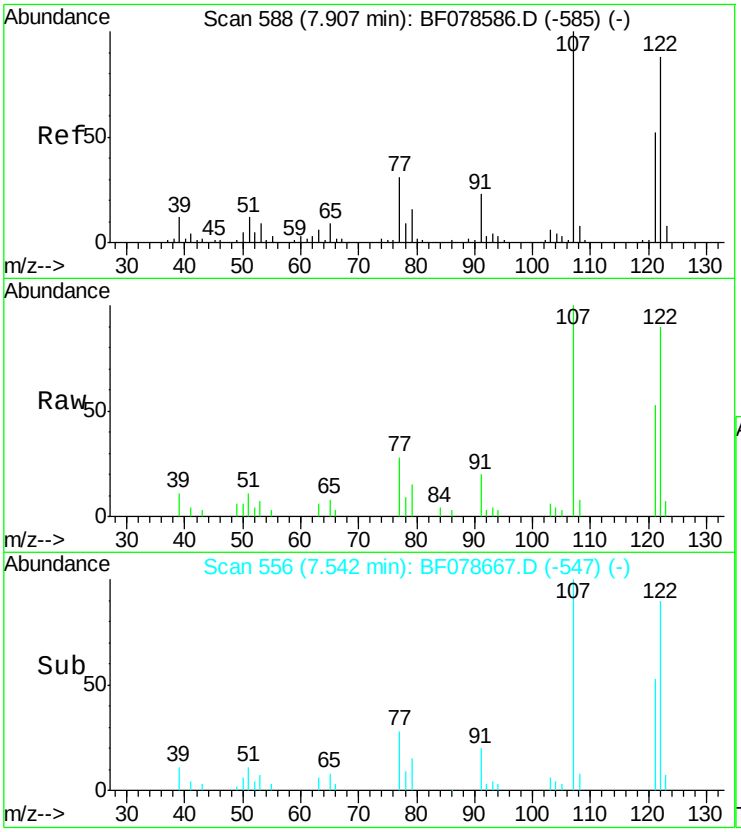


#26
2-Nitrophenol
Concen: 6.22 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:139 Resp: 6252

Ion	Ratio	Lower	Upper
139	100		
109	27.8	19.8	29.8
65	46.5	32.7	49.1



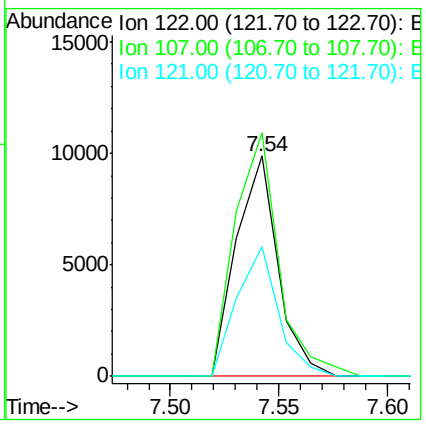


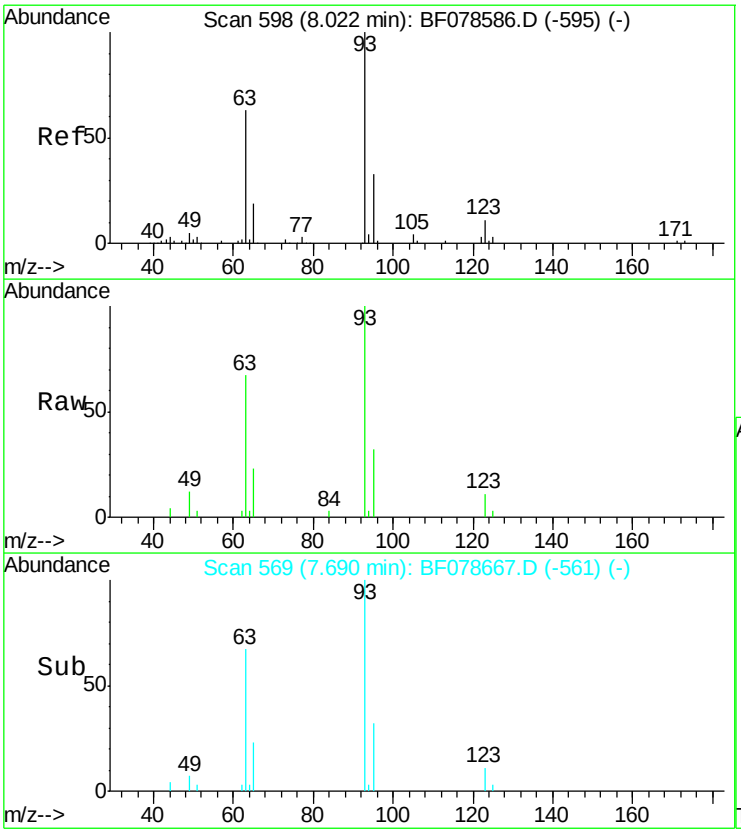
#27
2,4-Dimethylphenol
Concen: 7.04 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:122 Resp: 13154

Ion	Ratio	Lower	Upper
122	100		
107	110.7	84.6	127.0
121	59.2	46.0	69.0

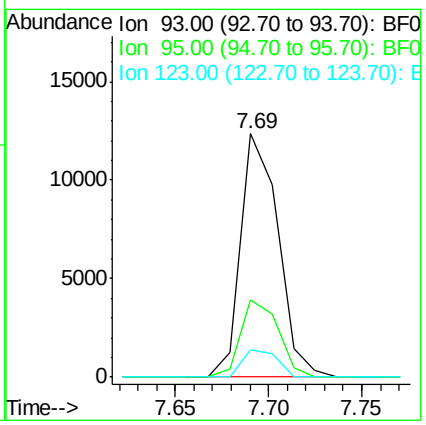


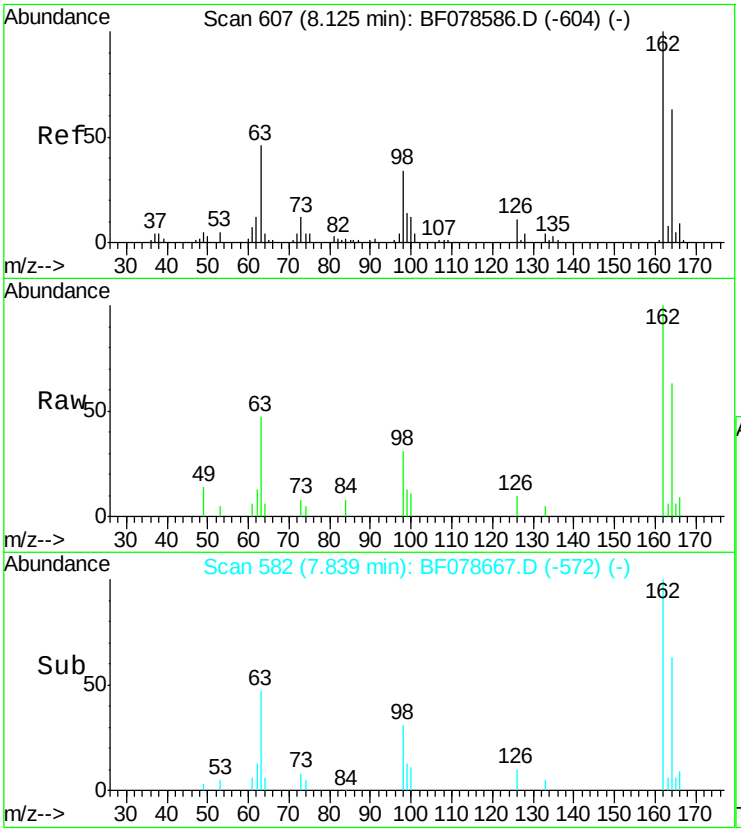


#28
bis(2-Chloroethoxy)methane
Concen: 7.03 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 93 Resp: 17268

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.5	9.1	13.7



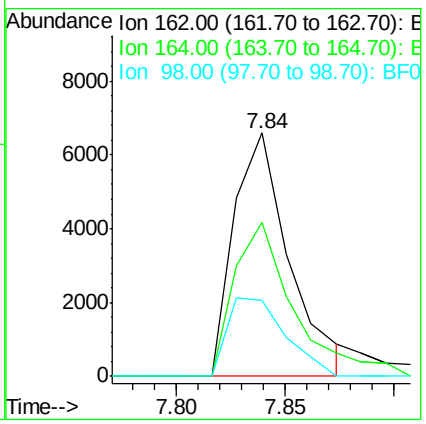


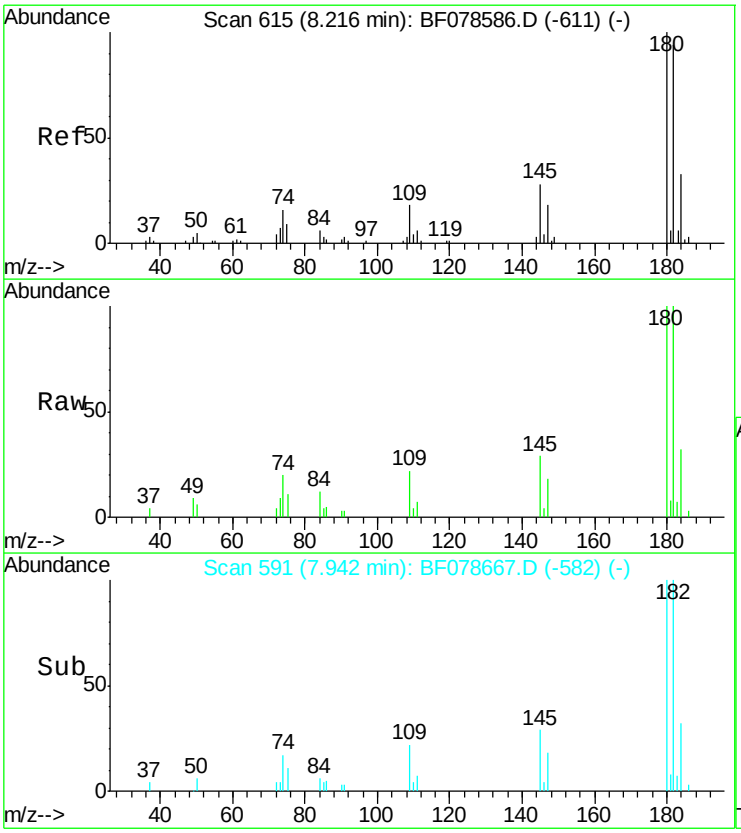
#29
2,4-Dichlorophenol
Concen: 6.86 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:162 Resp: 11673

Ion	Ratio	Lower	Upper
162	100		
164	63.1	47.0	87.0
98	31.0	9.2	49.2

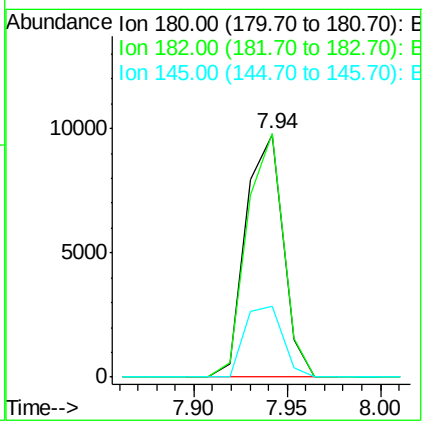


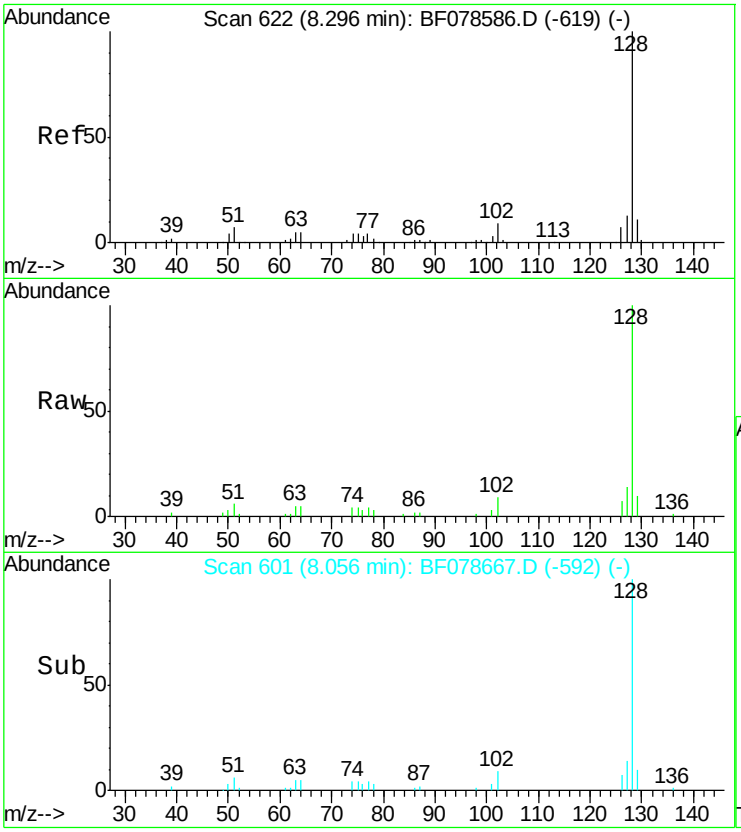


#30
1,2,4-Trichlorobenzene
Concen: 6.93 ng
RT: 7.94 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:180 Resp: 13517

Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.9	115.3
145	29.1	22.5	33.7



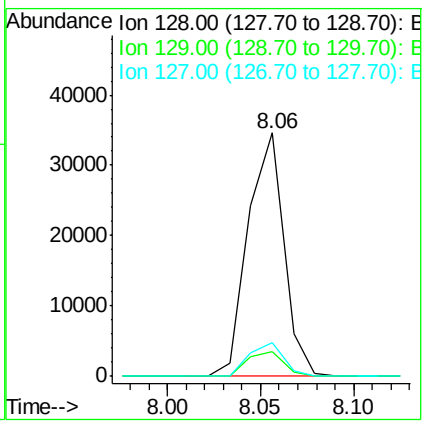


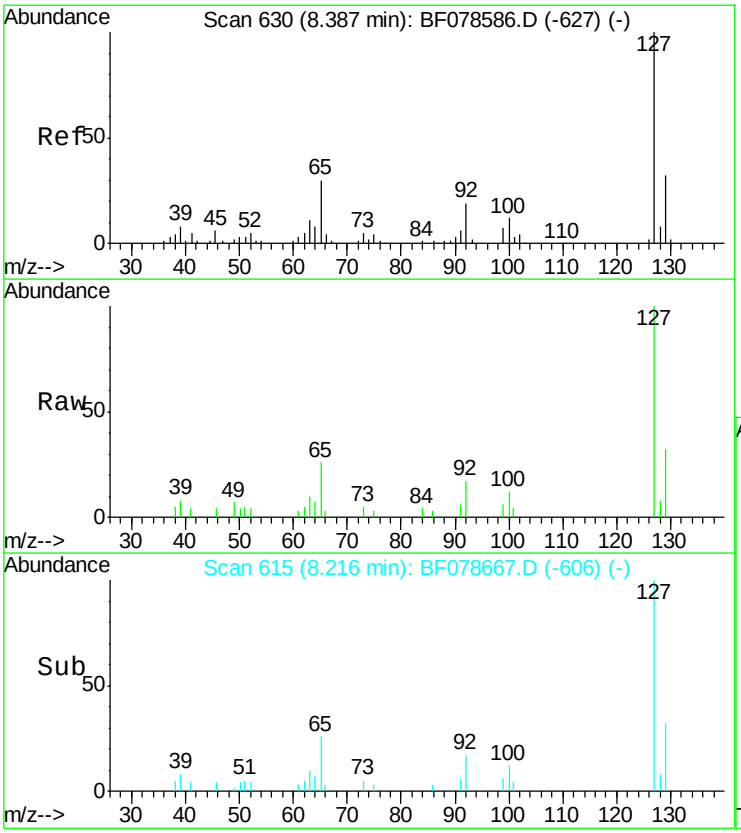
#31
Naphthalene
Concen: 7.26 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:128 Resp: 46238

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.6	10.7	16.1

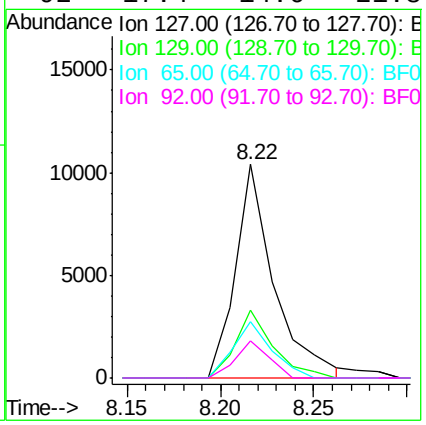


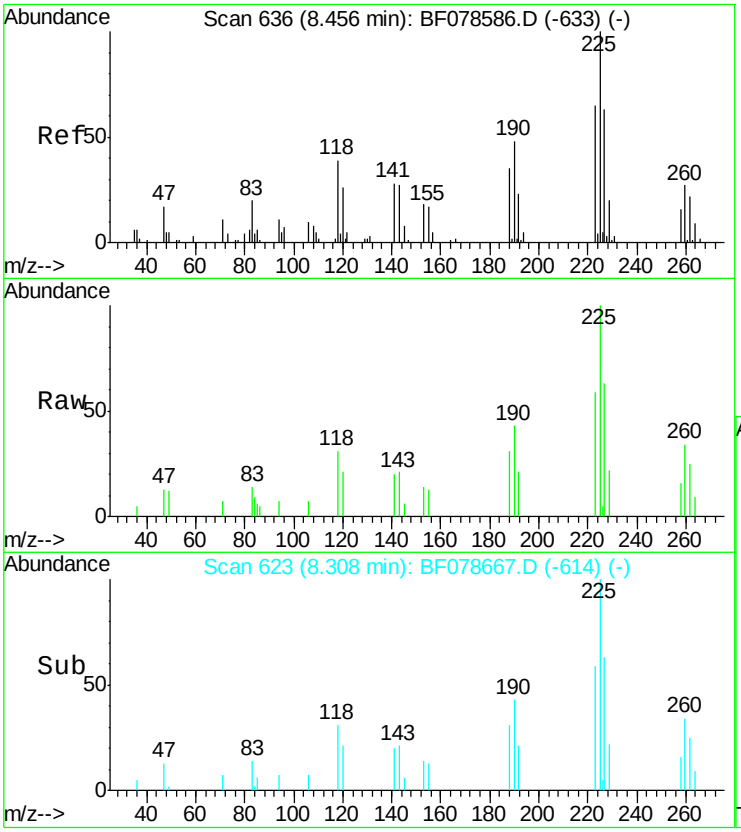


#33
4-Chloroaniline
Concen: 5.72 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:127 Resp: 15121

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	26.2	21.7	32.5
92	17.4	14.6	21.8



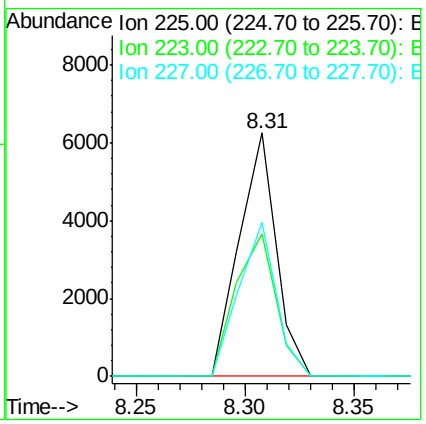


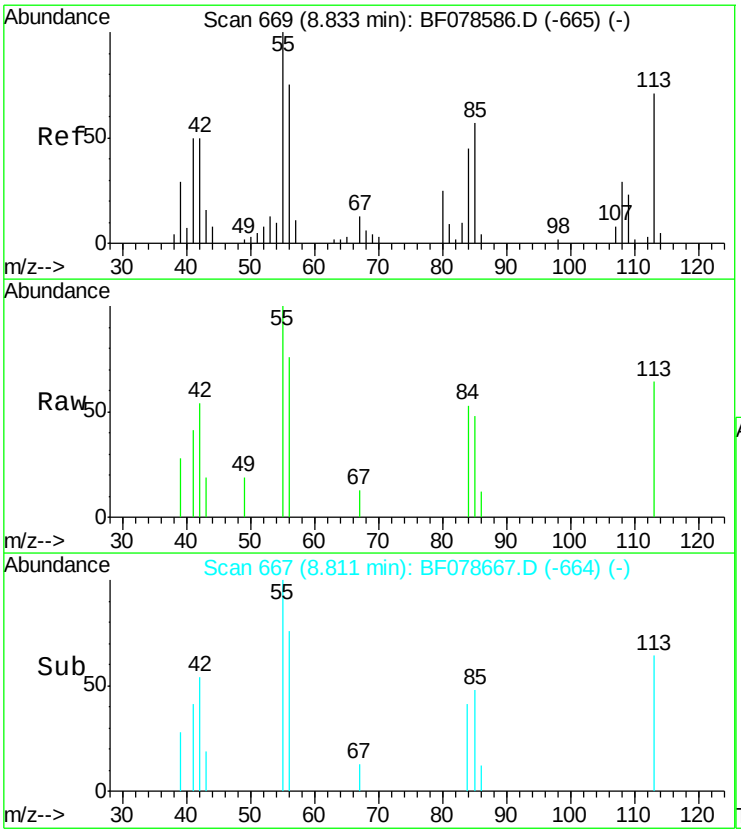
#34
Hexachlorobutadiene
Concen: 6.91 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:225 Resp: 7402

Ion	Ratio	Lower	Upper
225	100		
223	58.5	47.5	71.3
227	63.2	50.2	75.2

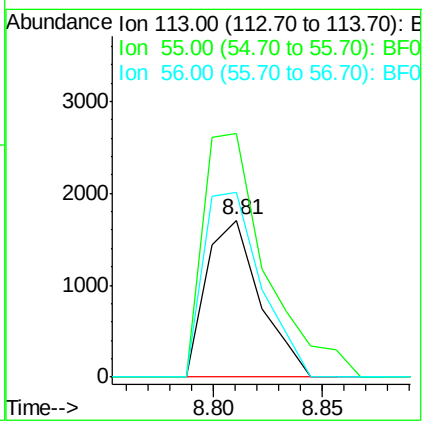


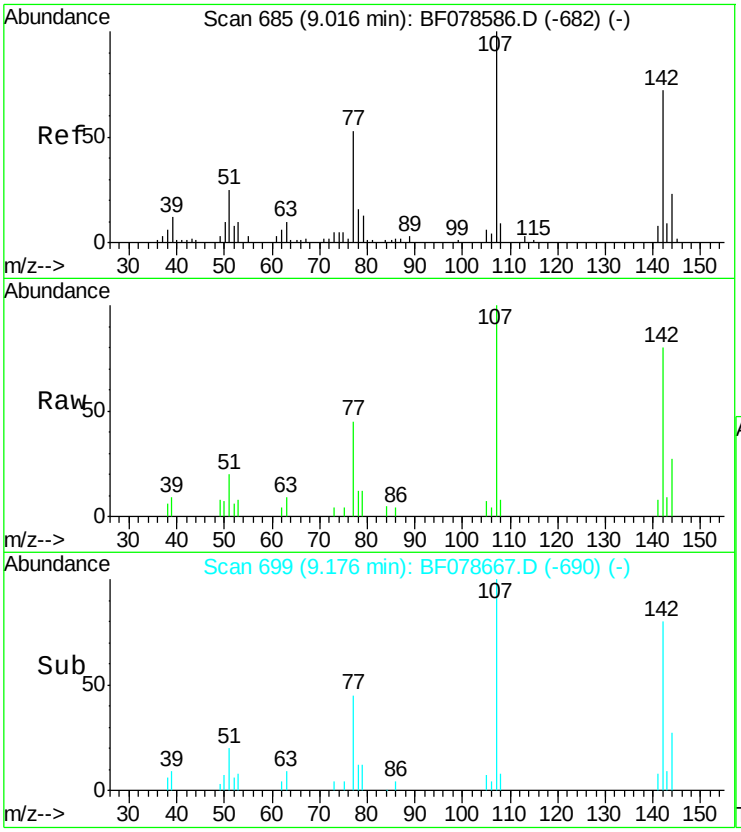


#35
Caprolactam
Concen: 5.75 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.07 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:113 Resp: 2920

Ion	Ratio	Lower	Upper
113	100		
55	155.4	151.9	191.9
56	118.3	106.1	146.1



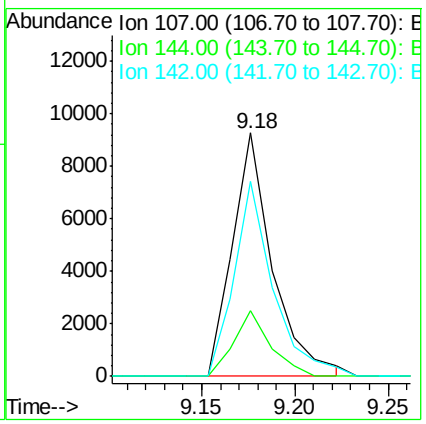


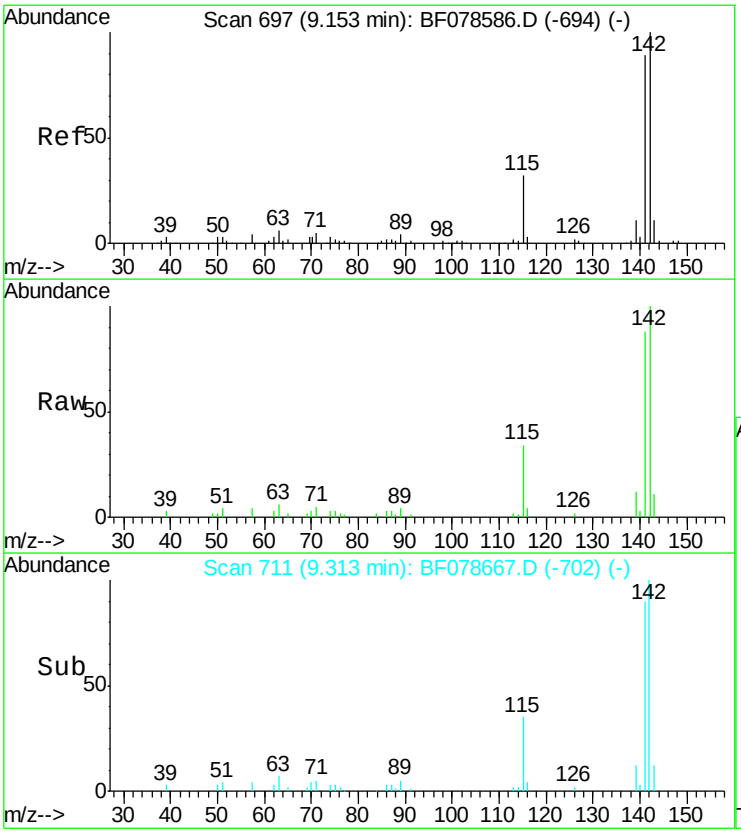
#36
4-Chloro-3-methylphenol
Concen: 8.11 ng
RT: 9.18 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:107 Resp: 13919

Ion	Ratio	Lower	Upper
107	100		
144	27.2	18.2	27.2
142	80.3	58.0	87.0

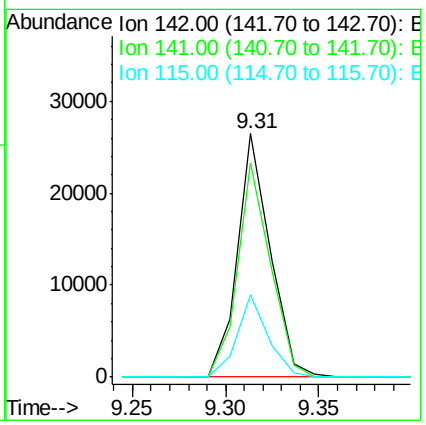


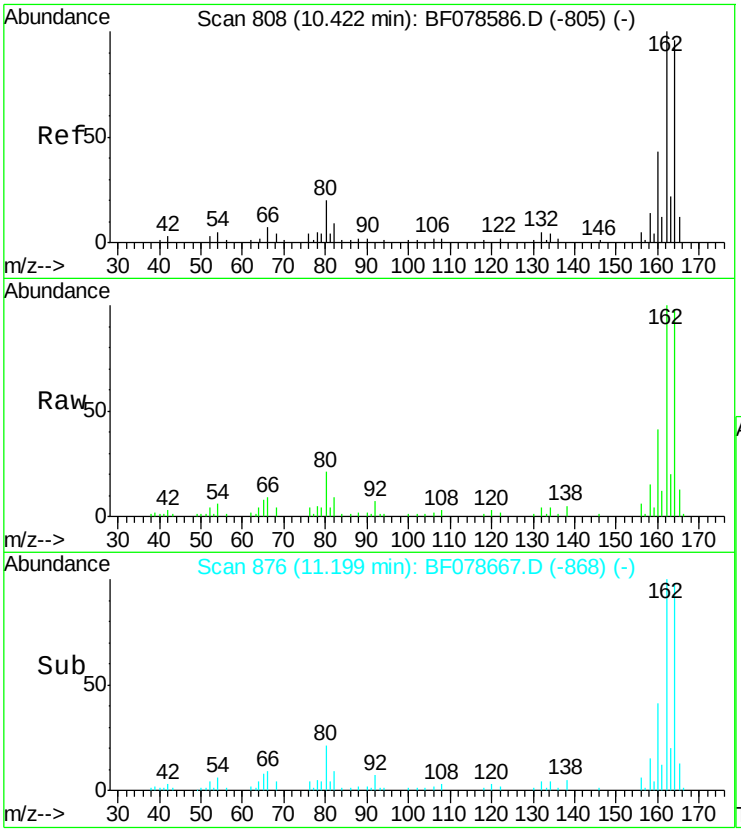


#37
2-Methylnaphthalene
Concen: 7.48 ng
RT: 9.31 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:142 Resp: 32337

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.3	105.5
115	33.8	24.6	37.0



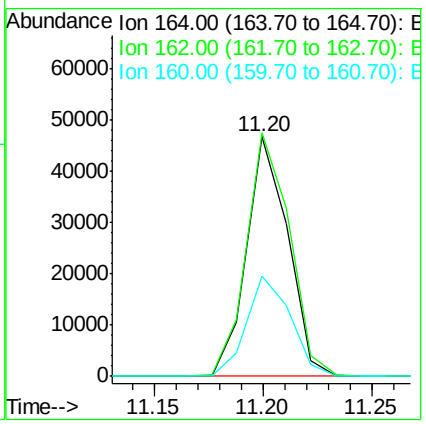


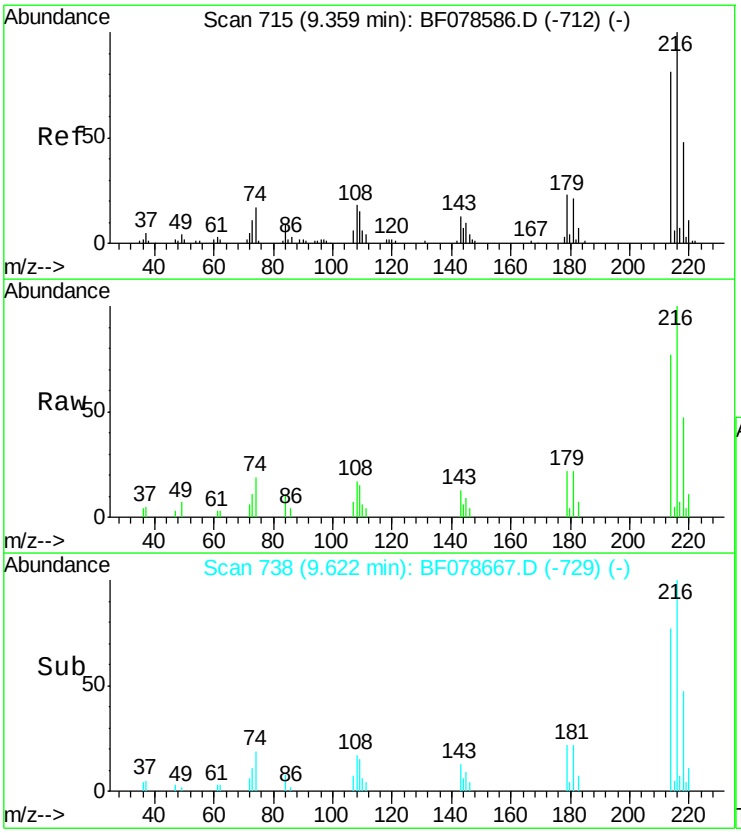
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:164 Resp: 62041

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	41.9	34.7	52.1

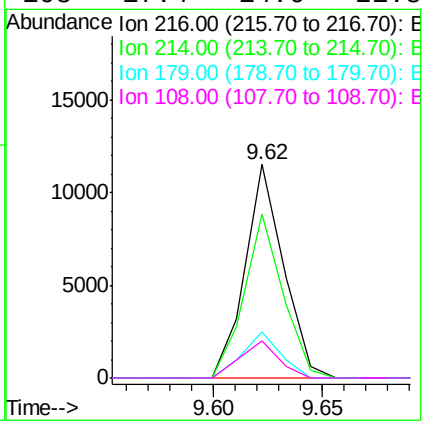


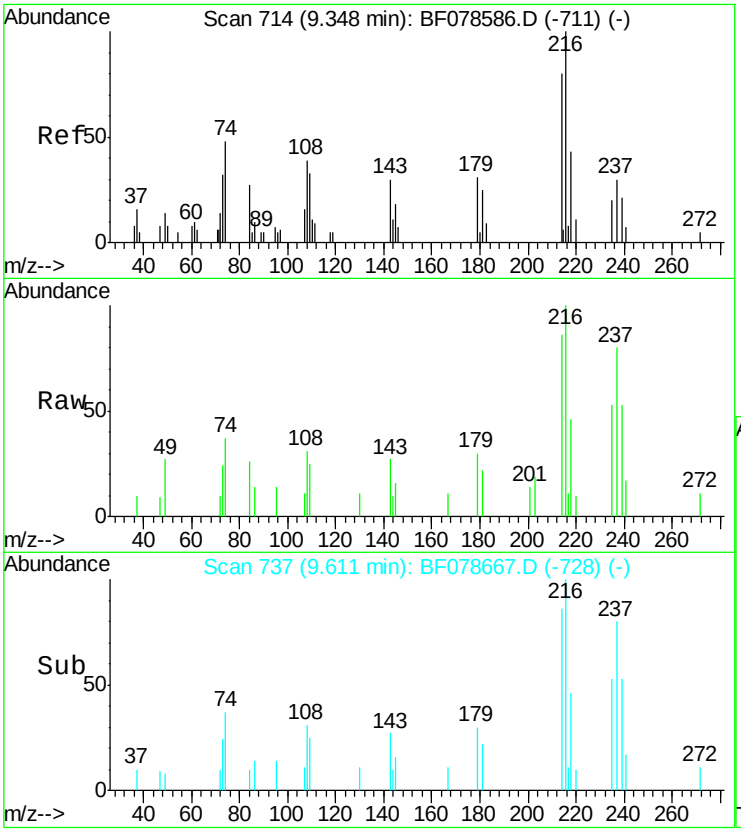


#39
1,2,4,5-Tetrachlorobenzene
Concen: 7.39 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:216 Resp: 14197

Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.0	93.0
179	21.5	17.3	25.9
108	17.4	14.6	21.8



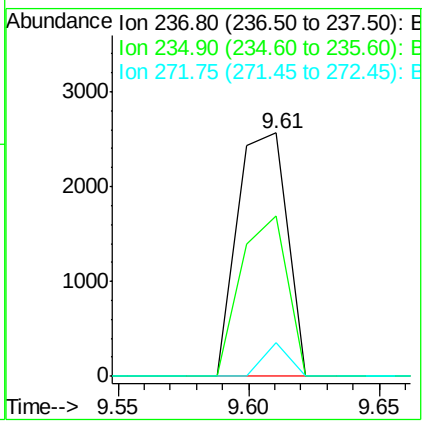


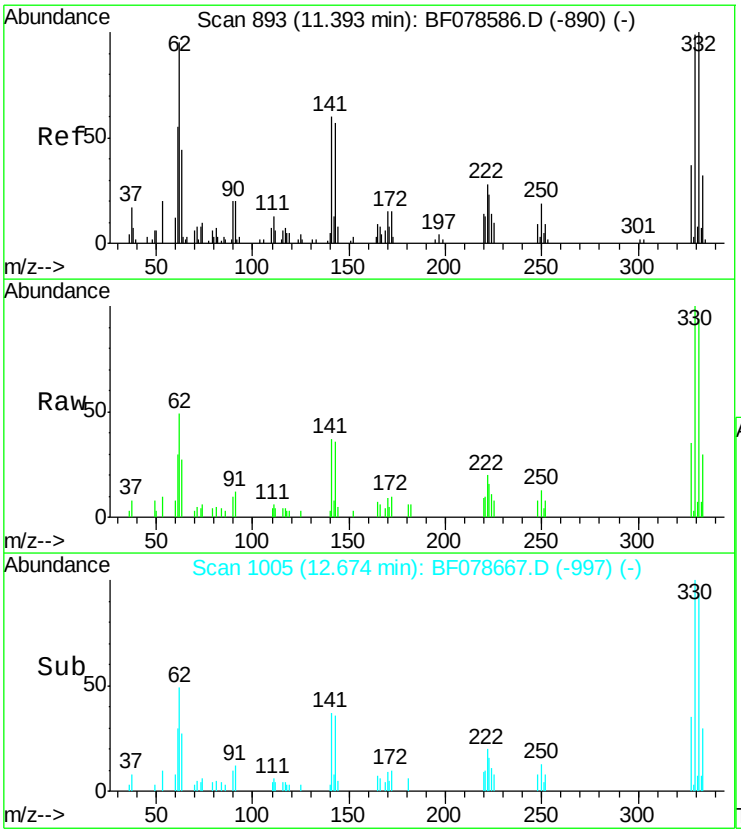
#40
Hexachlorocyclopentadiene
Concen: 10.60 ng
RT: 9.61 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:237 Resp: 3424

Ion	Ratio	Lower	Upper
237	100		
235	65.9	44.1	84.1
272	13.6	0.0	34.4

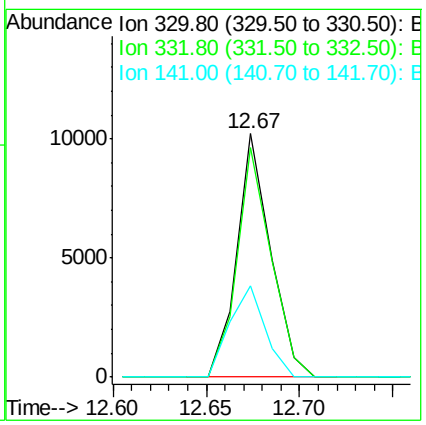


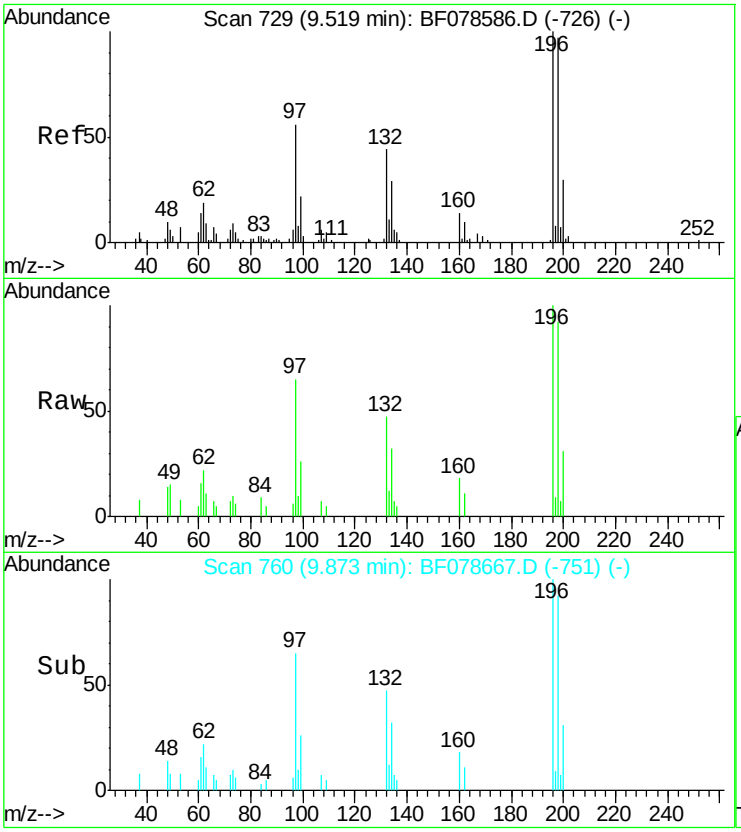


#41
2,4,6-Tribromophenol
Concen: 24.84 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:330 Resp: 12781

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.6	117.8
141	39.2	31.2	46.8



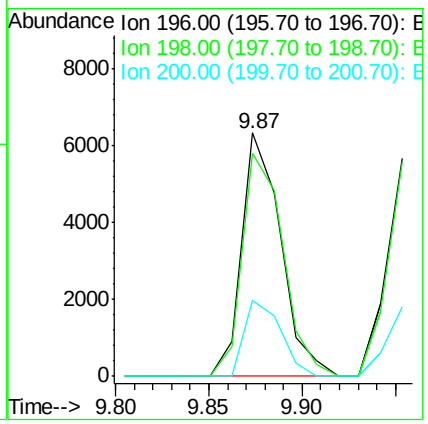


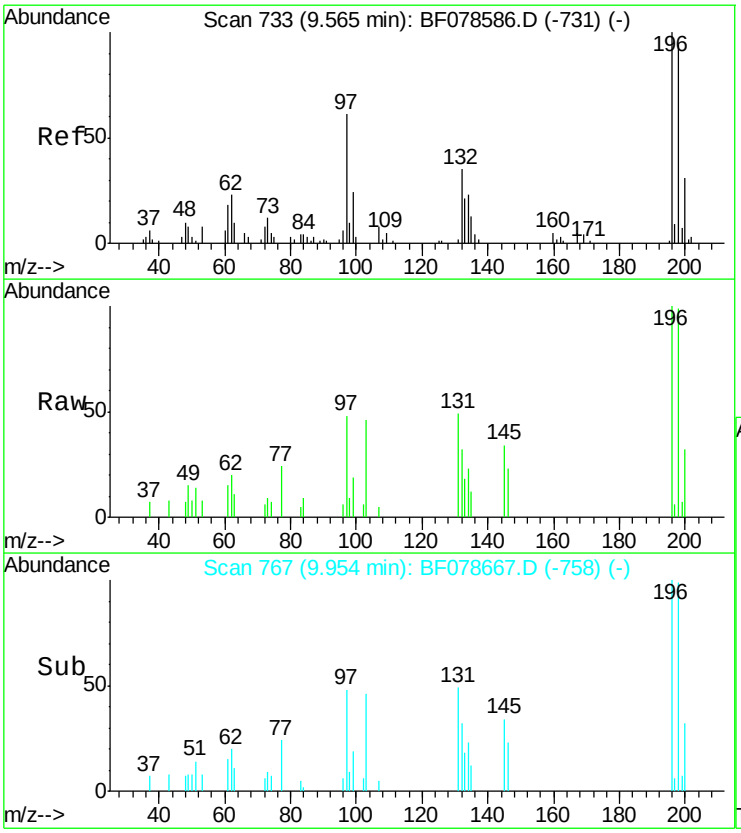
#42
2,4,6-Trichlorophenol
Concen: 7.59 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:196 Resp: 9204

Ion	Ratio	Lower	Upper
196	100		
198	91.5	75.4	113.2
200	30.9	24.0	36.0

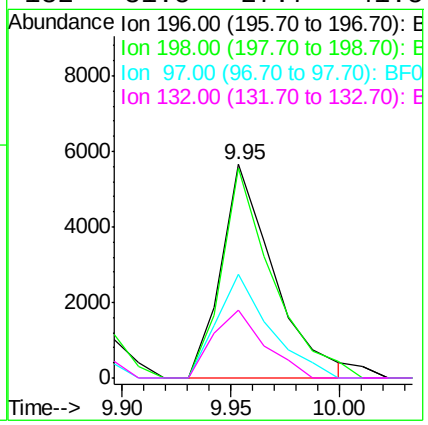


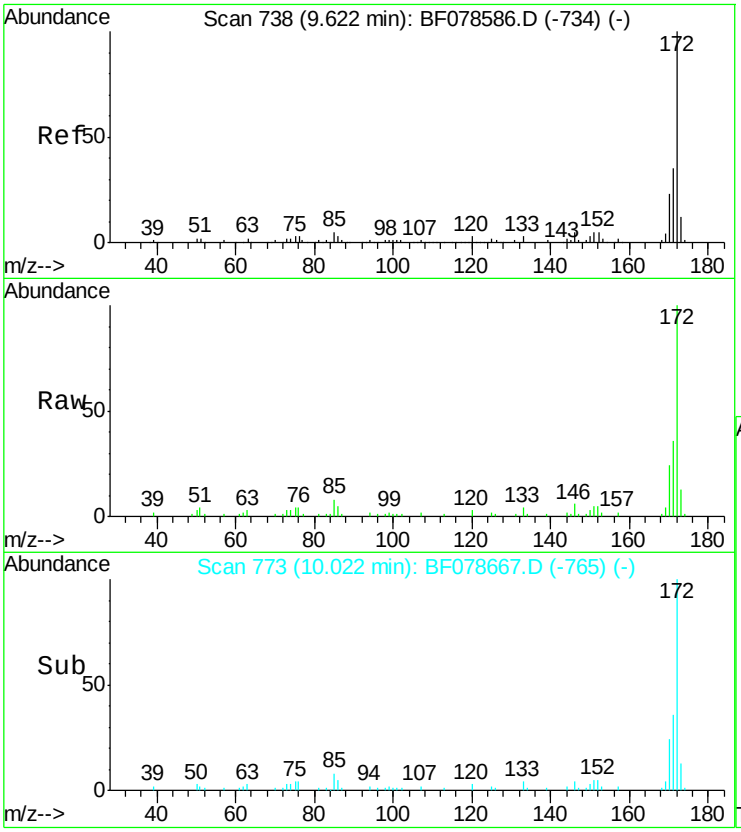


#43
2,4,5-Trichlorophenol
Concen: 7.52 ng
RT: 9.95 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:196 Resp: 9519

Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.6	115.0
97	48.5	50.6	75.8#
132	31.5	27.7	41.5



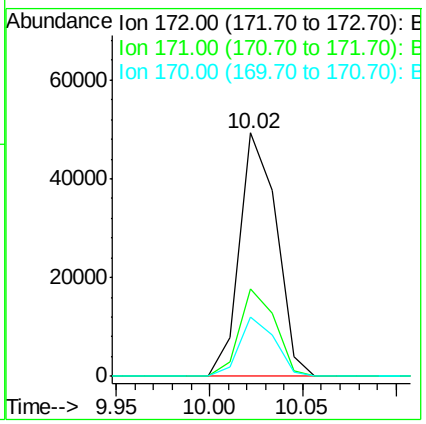


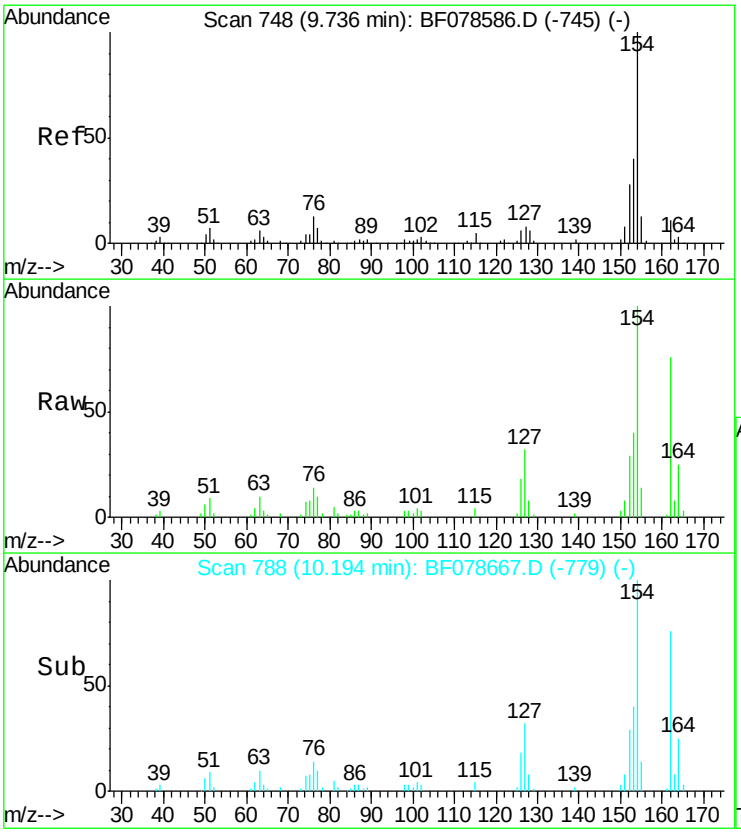
#44
2-Fluorobiphenyl
Concen: 15.63 ng
RT: 10.02 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:172 Resp: 67848

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.2	18.5	27.7

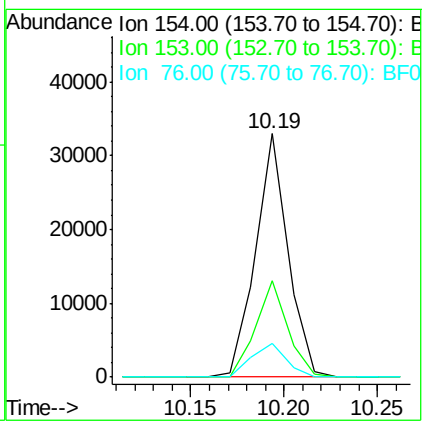


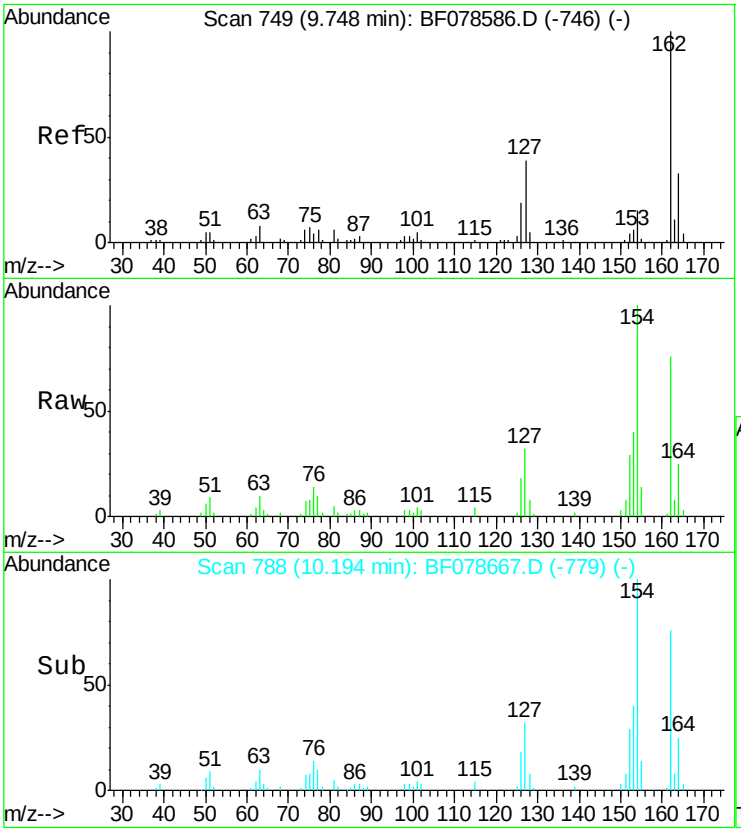


#45
1,1'-Biphenyl
Concen: 7.78 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:154 Resp: 39497

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.0	60.0
76	13.7	0.0	30.6



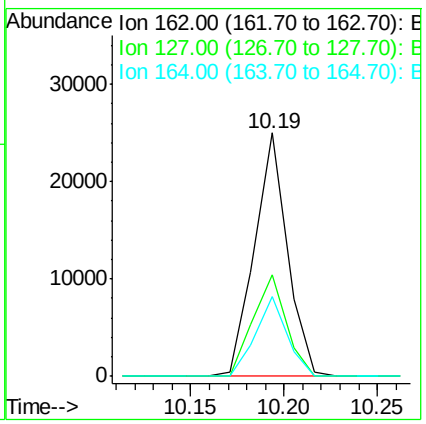


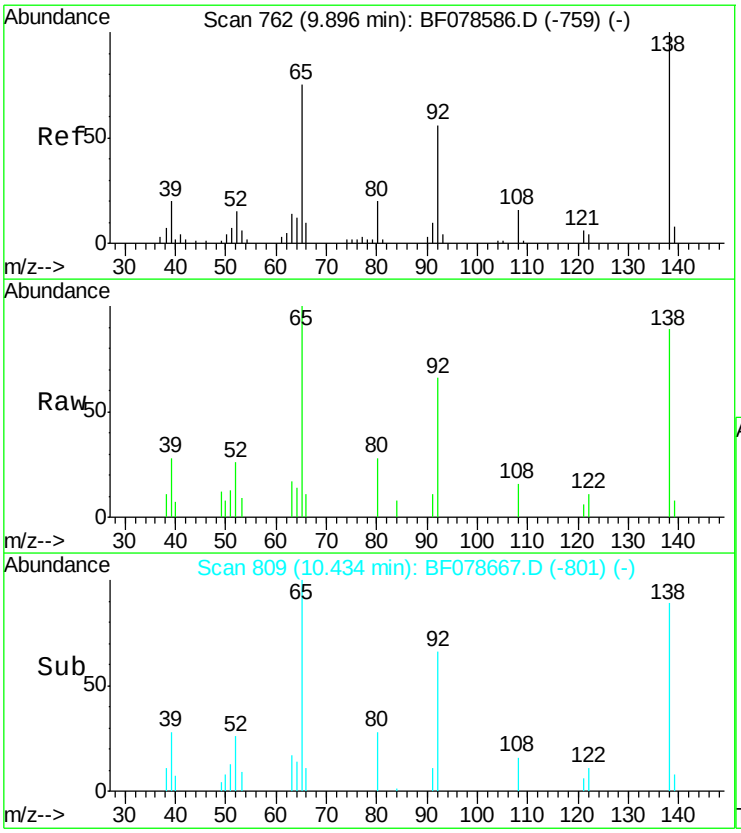
#46
2-Chloronaphthalene
Concen: 7.63 ng
RT: 10.19 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:162 Resp: 30454

Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	49.0
164	32.8	26.0	39.0

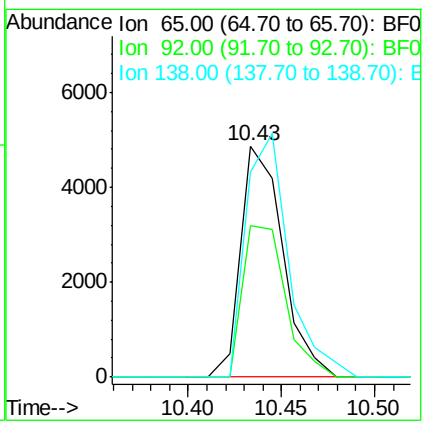


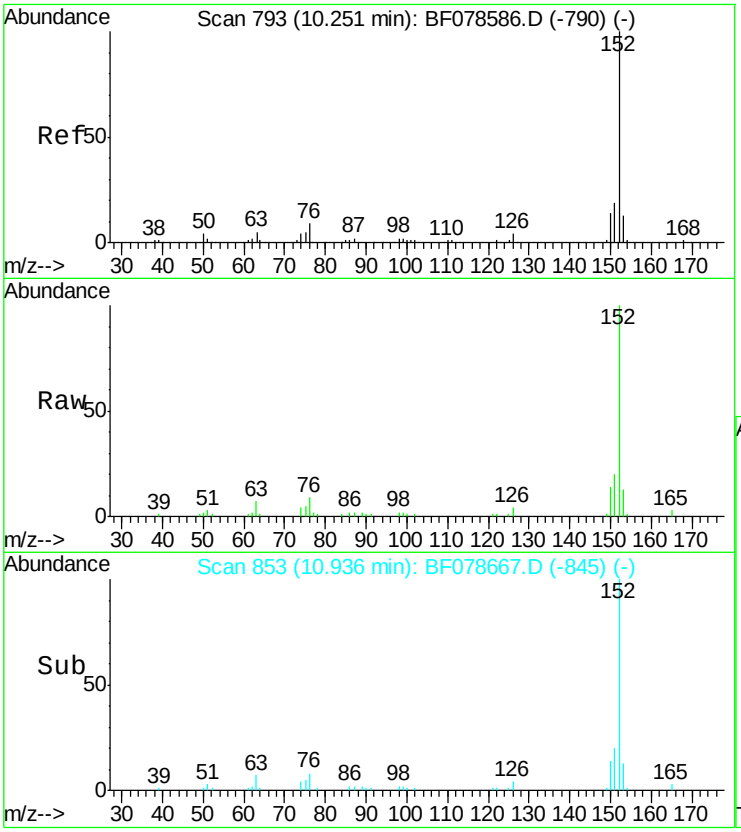


#47
2-Nitroaniline
Concen: 7.70 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 65 Resp: 7609

Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.3	76.9
138	88.7	70.4	105.6



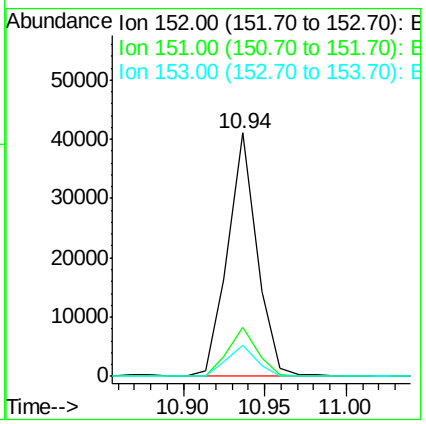


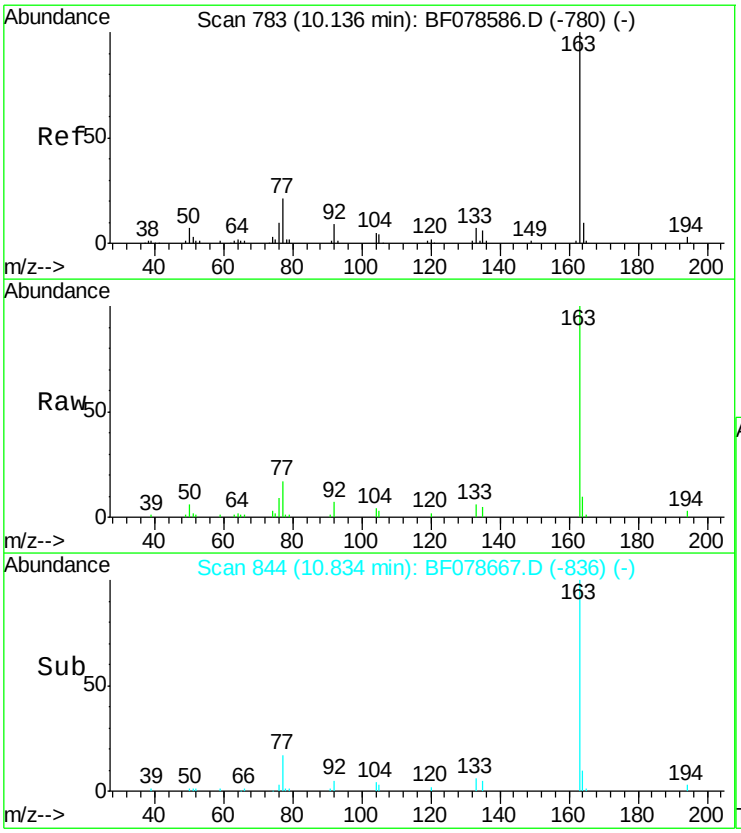
#48
Acenaphthylene
Concen: 7.95 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:152 Resp: 51273

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.0	10.2	15.2

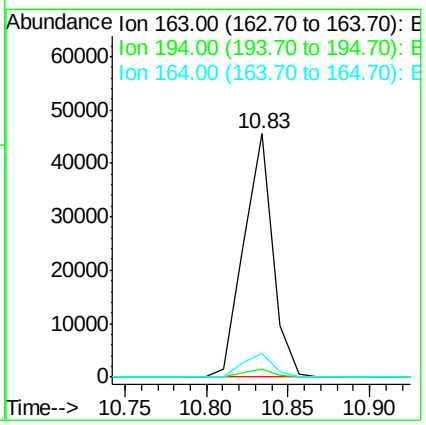


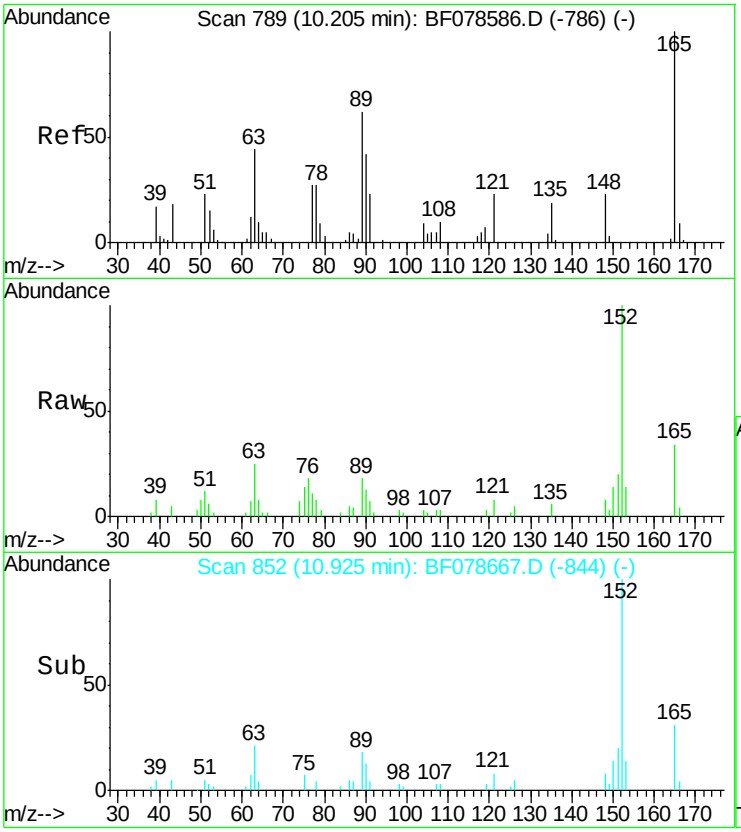


#49
Dimethylphthalate
Concen: 12.02 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:163 Resp: 56024

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.3	3.5
164	9.5	8.6	13.0



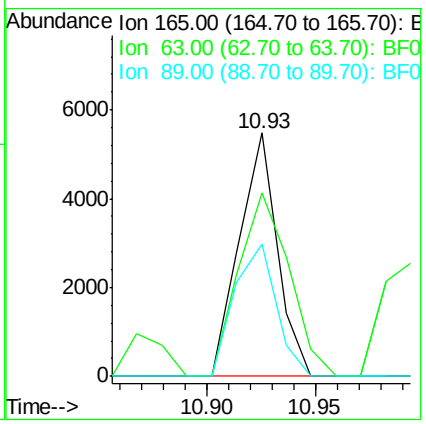


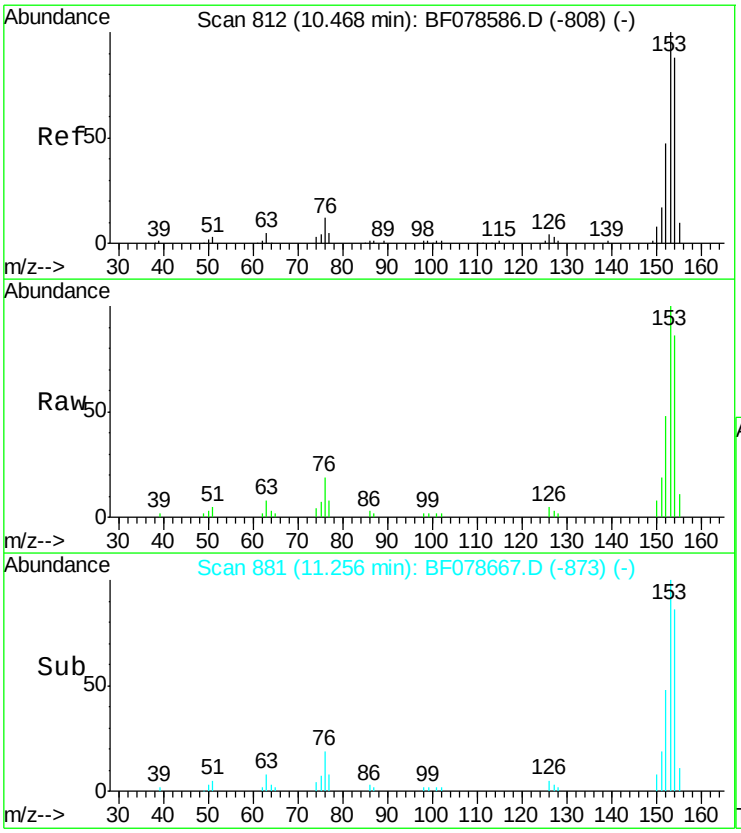
#50
2,6-Dinitrotoluene
Concen: 6.93 ng
RT: 10.93 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:165 Resp: 6644

Ion	Ratio	Lower	Upper
165	100		
63	75.3	24.1	36.1#
89	54.1	28.9	43.3#

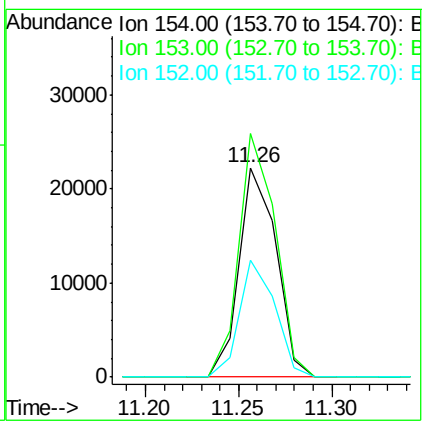


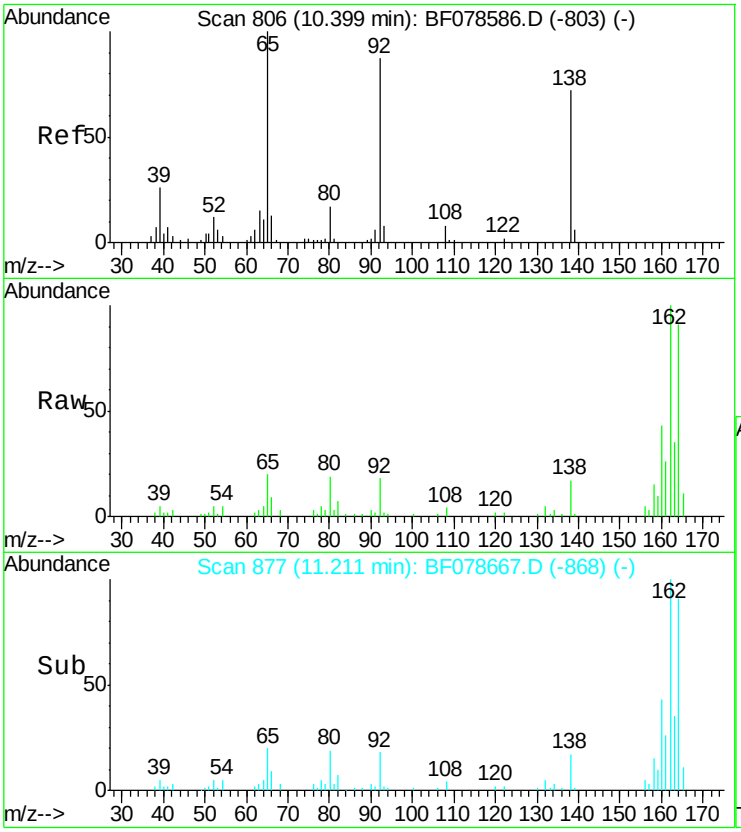


#51
Acenaphthene
Concen: 8.45 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:154 Resp: 30672

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.4	137.2
152	55.9	43.0	64.6



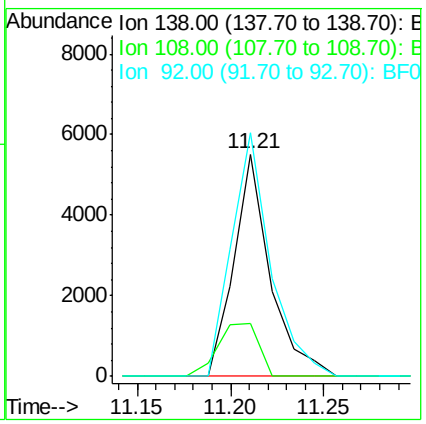


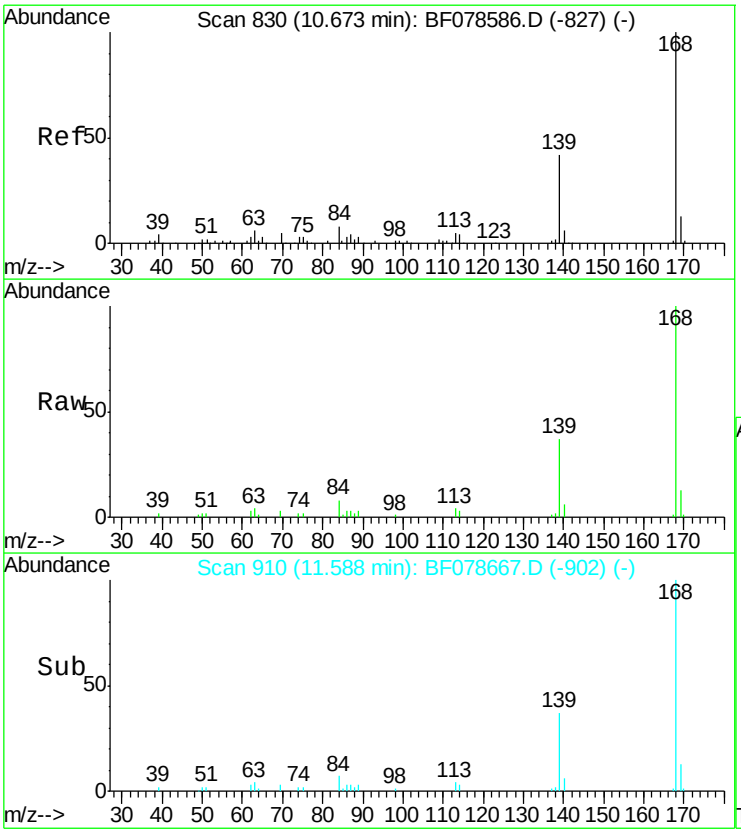
#52
3-Nitroaniline
Concen: 6.87 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:138 Resp: 7495

Ion	Ratio	Lower	Upper
138	100		
108	23.8	8.2	12.4#
92	109.5	88.4	132.6

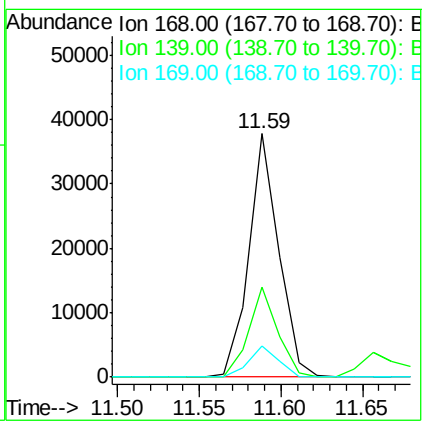


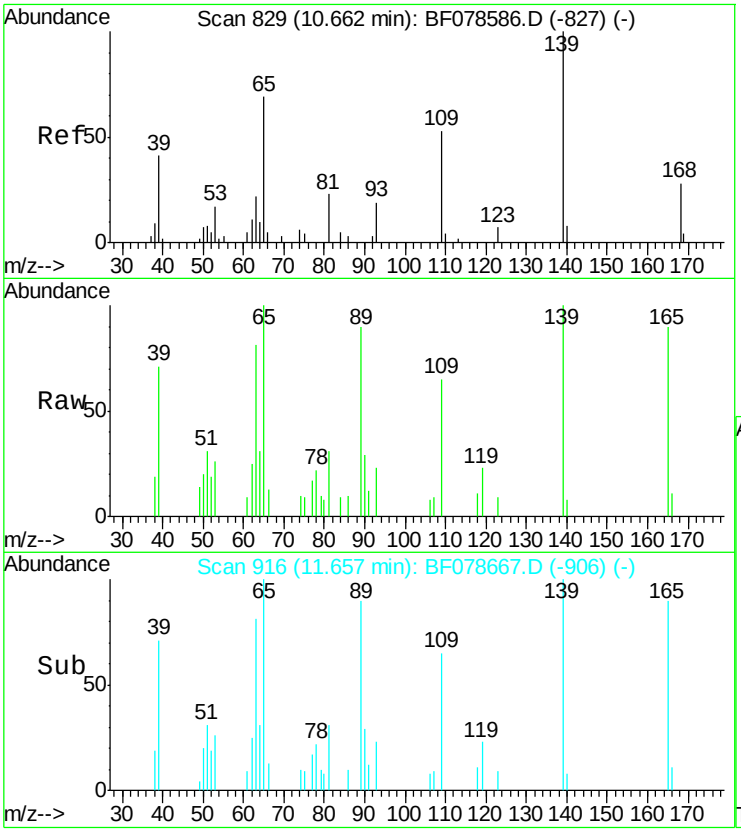


#54
Dibenzofuran
Concen: 8.66 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:168 Resp: 48006

Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.0	46.4
169	13.0	10.7	16.1



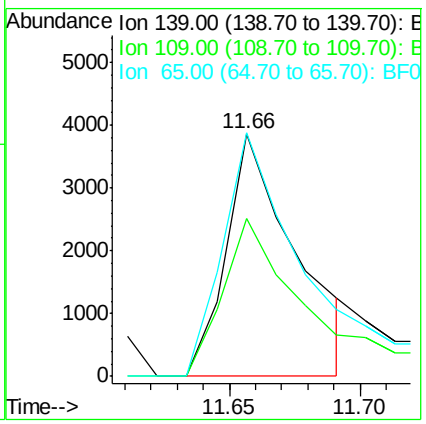


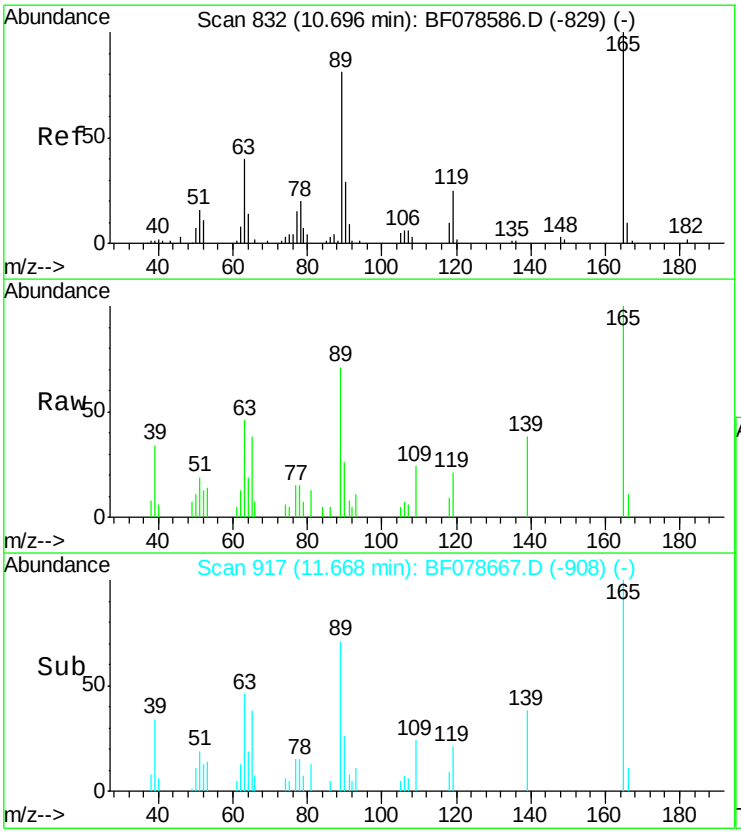
#55
4-Nitrophenol
Concen: 11.45 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:139 Resp: 7226

Ion	Ratio	Lower	Upper
139	100		
109	65.2	36.7	76.7
65	100.4	49.9	89.9#

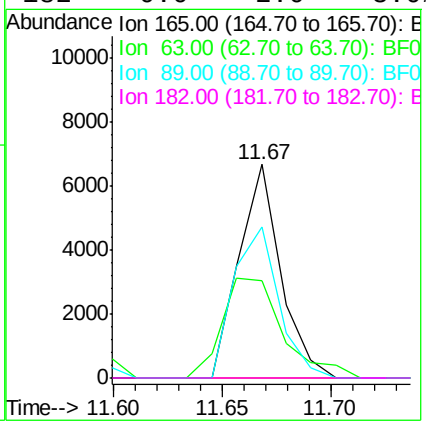


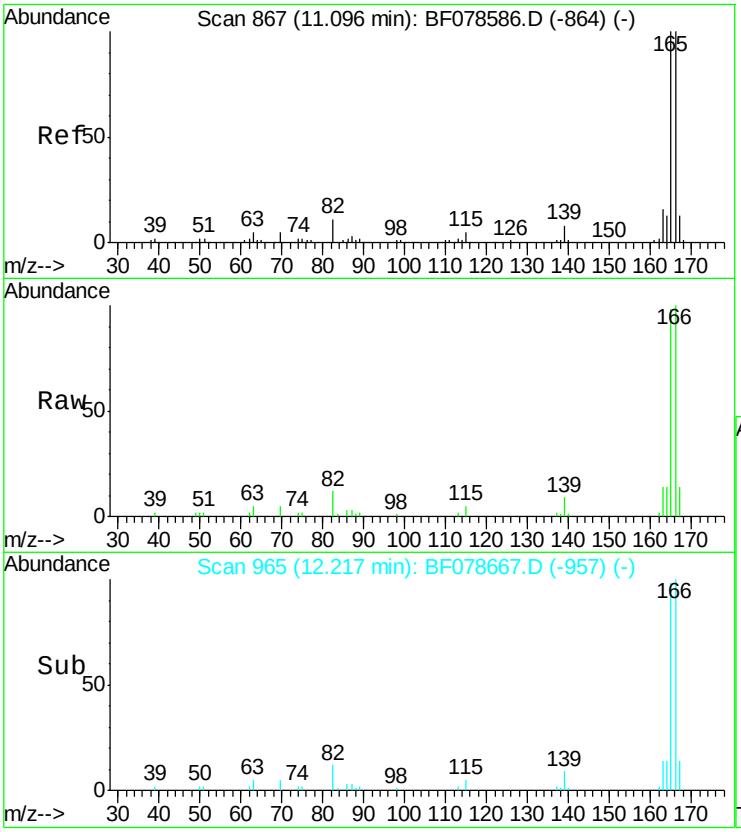


#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 11.67 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:165 Resp: 8908

Ion	Ratio	Lower	Upper
165	100		
63	45.7	26.5	39.7#
89	71.0	46.4	69.6#
182	0.0	2.0	3.0#



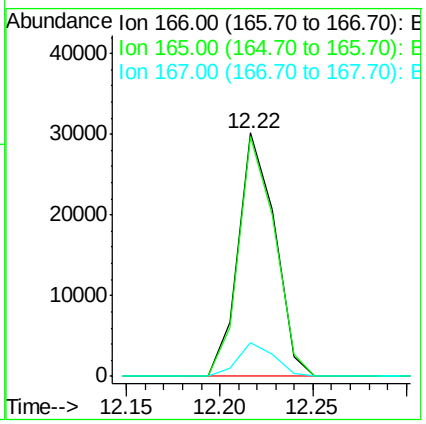


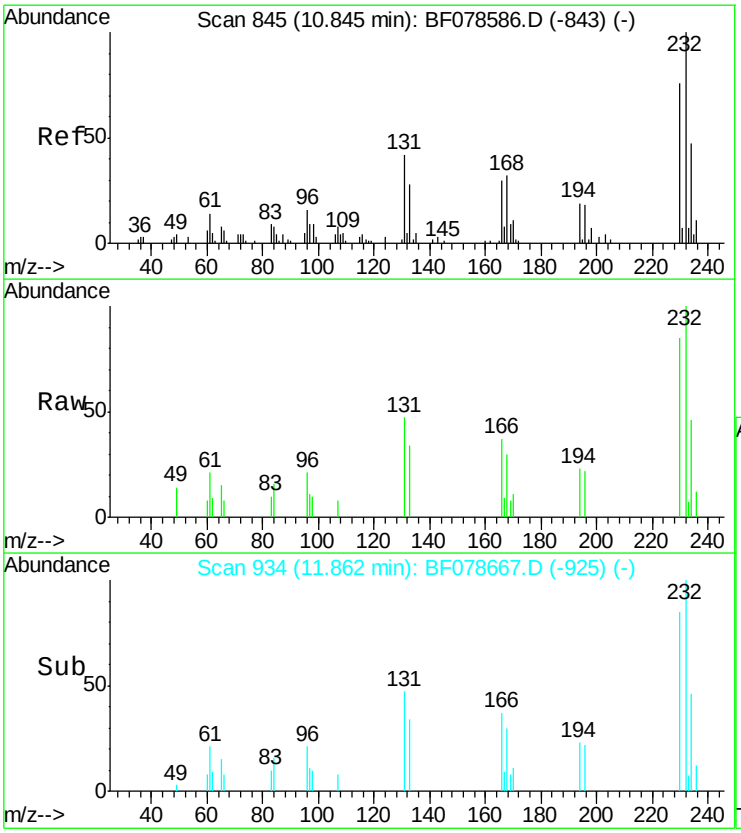
#57
Fluorene
Concen: 9.13 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:166 Resp: 41016

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.9	118.3
167	13.6	10.7	16.1

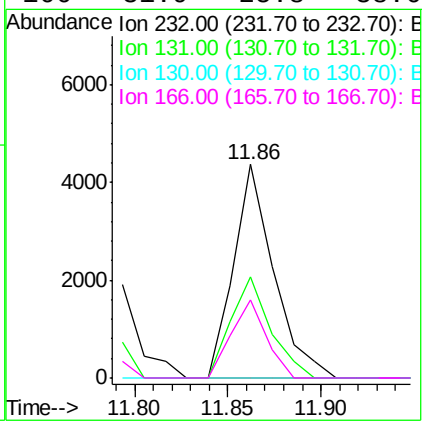


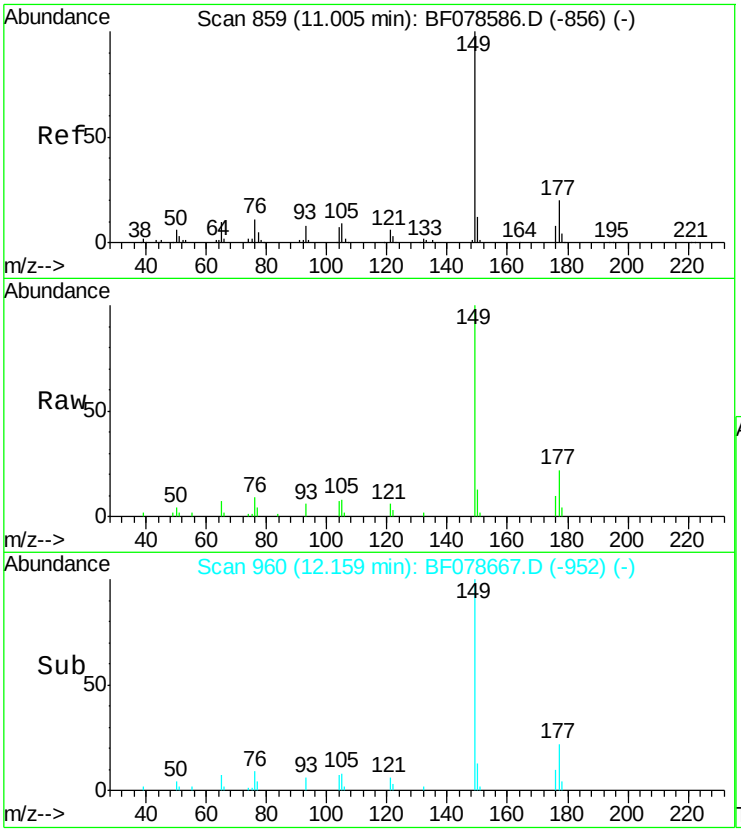


#58
2,3,4,6-Tetrachlorophenol
Concen: 6.99 ng
RT: 11.86 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:232 Resp: 6562

Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.8	56.8
130	0.0	1.5	2.3#
166	31.9	25.8	38.6



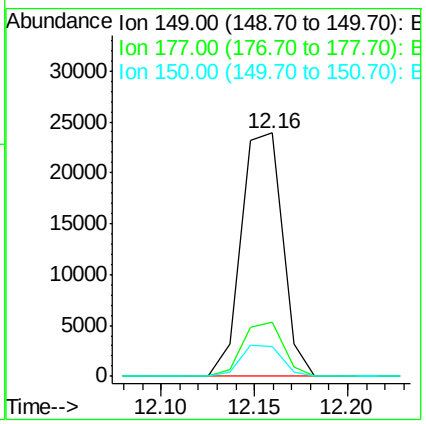


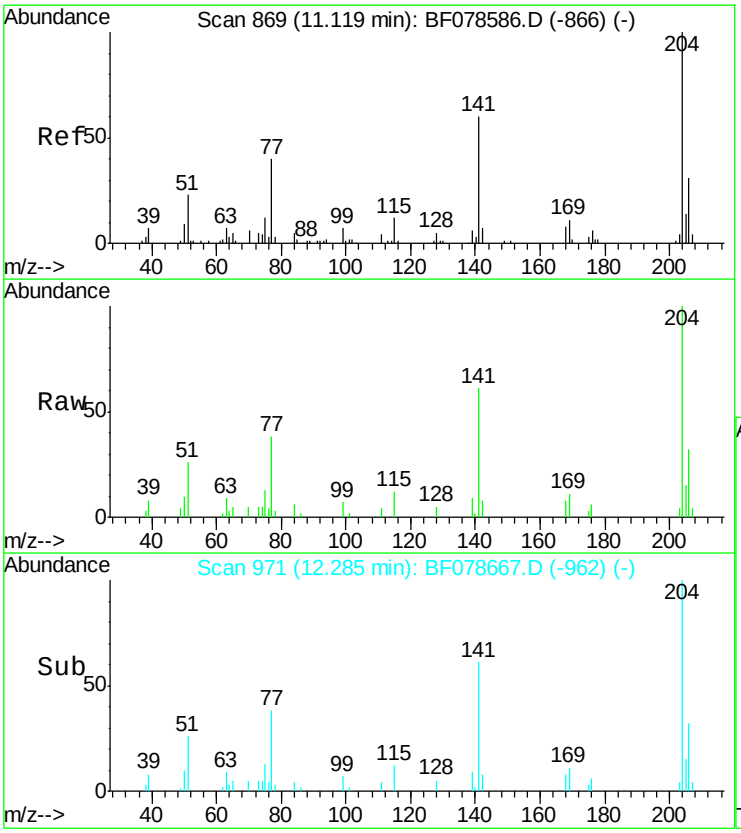
#59
Diethylphthalate
Concen: 8.15 ng
RT: 12.16 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:149 Resp: 36634

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.5	9.4	14.2

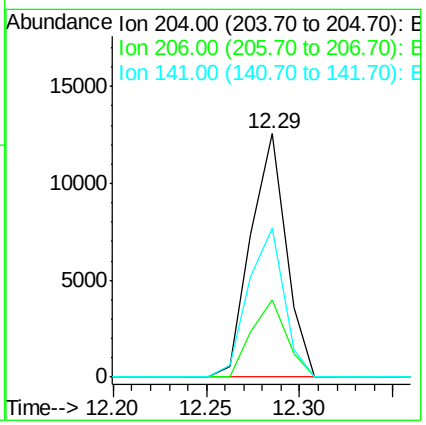


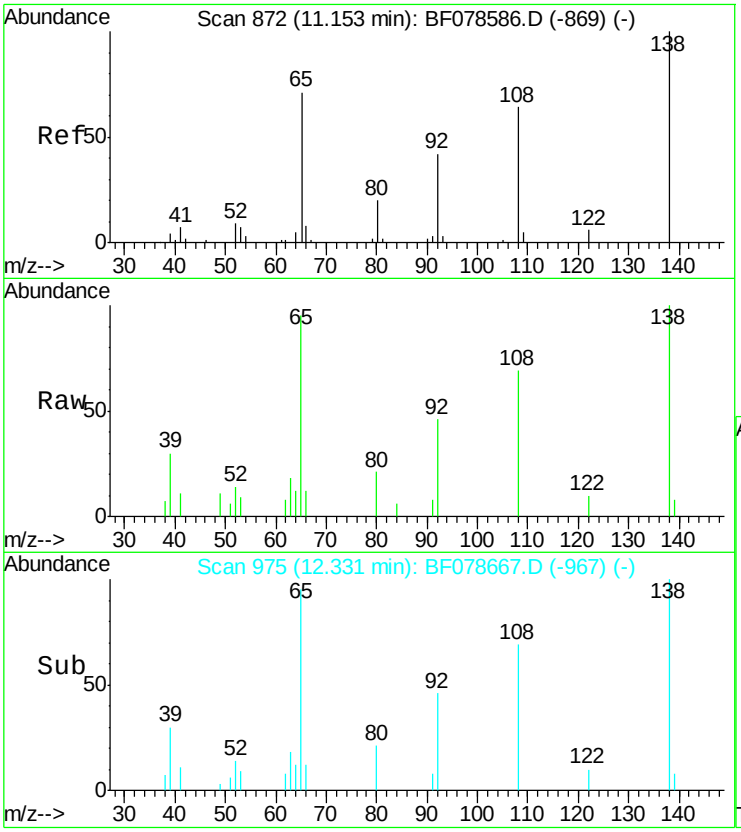


#60
4-Chlorophenyl-phenylether
Concen: 7.98 ng
RT: 12.29 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:204 Resp: 16493

Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	61.2	35.4	53.0#



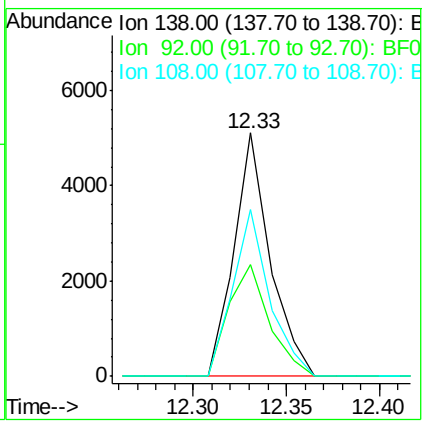


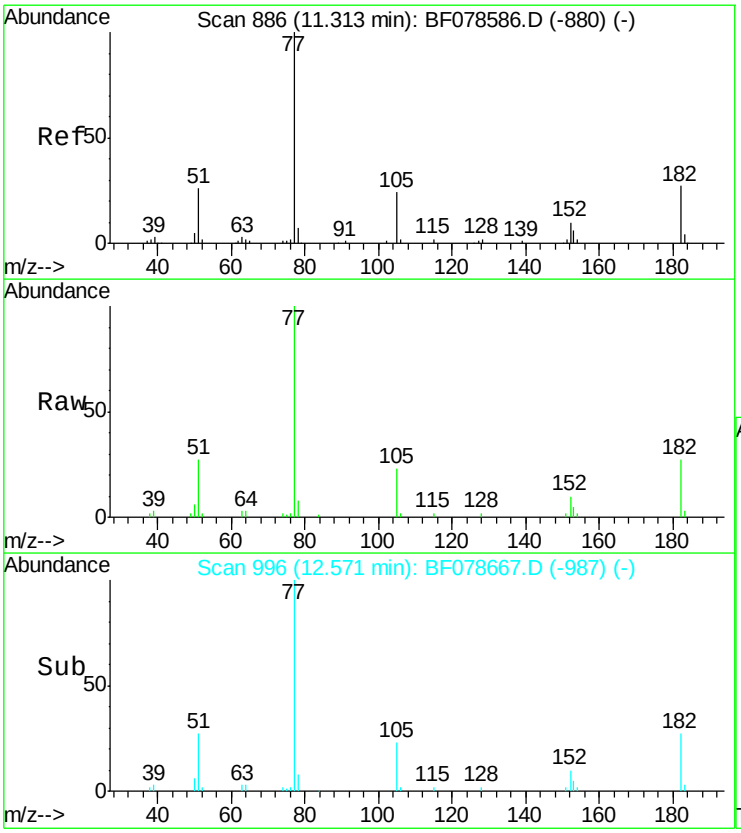
#61
4-Nitroaniline
Concen: 6.25 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:138 Resp: 6886

Ion	Ratio	Lower	Upper
138	100		
92	46.0	27.3	67.3
108	68.6	47.2	87.2

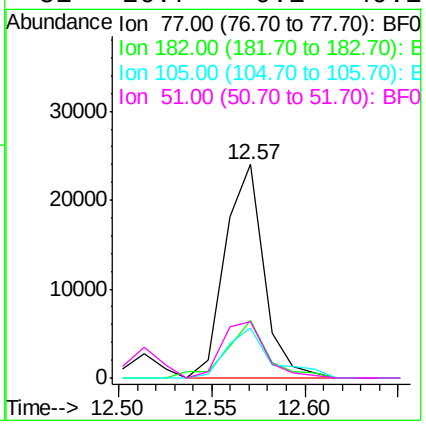


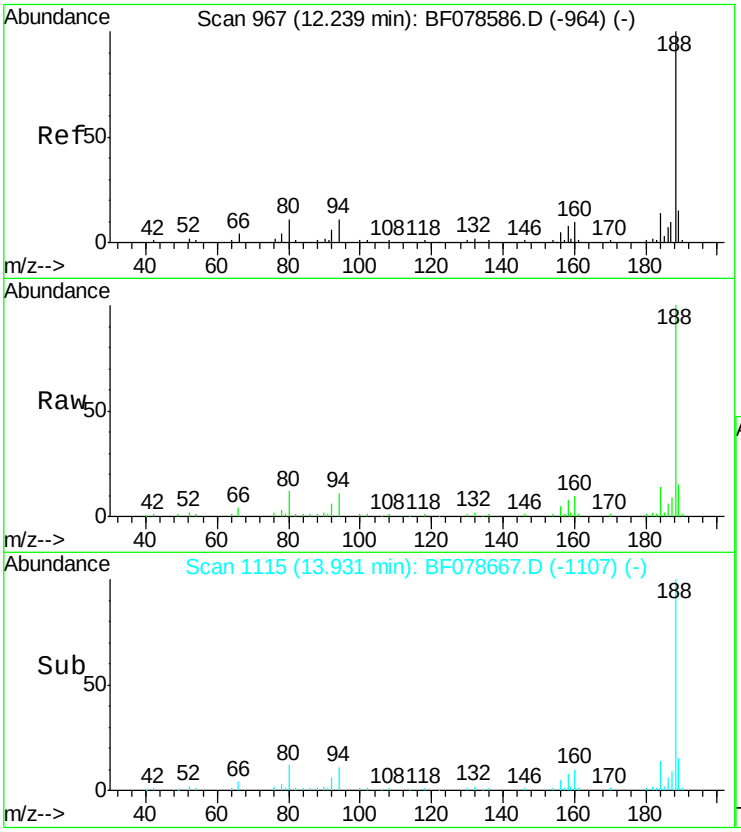


#62
Azobenzene
Concen: 8.53 ng
RT: 12.57 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion: 77 Resp: 35005

Ion	Ratio	Lower	Upper
77	100		
182	27.1	0.0	36.8
105	23.2	0.3	40.3
51	26.7	9.1	49.1



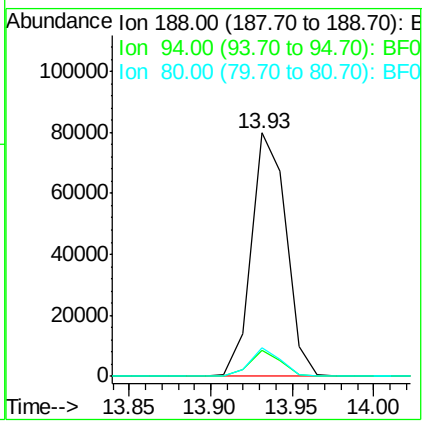


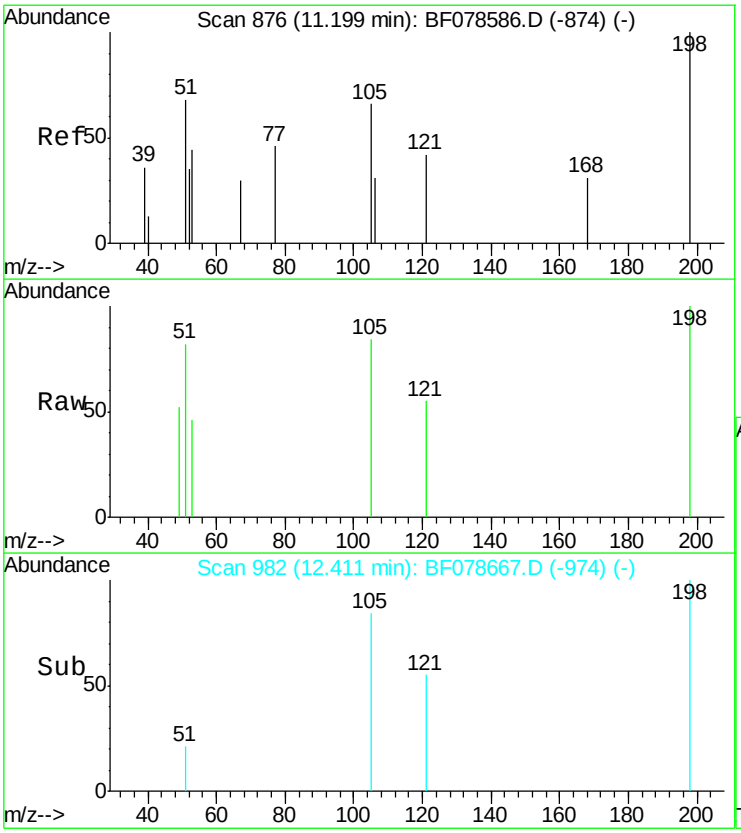
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:188 Resp: 118072

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.8	9.5	14.3

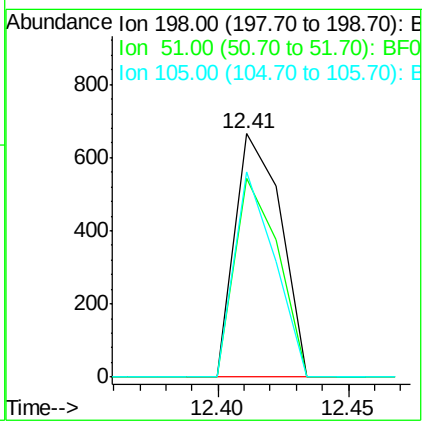


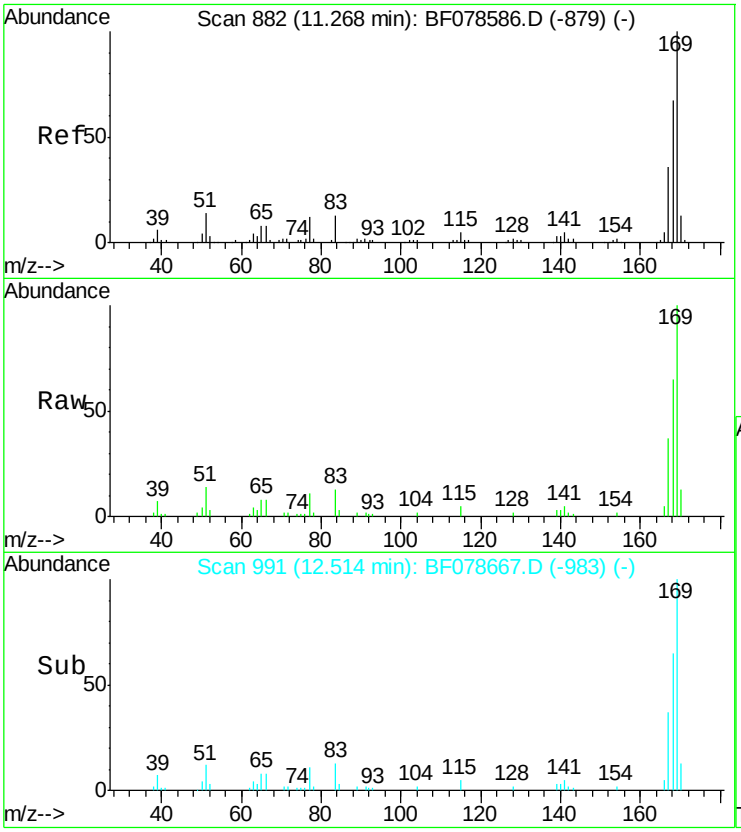


#64
4,6-Dinitro-2-methylphenol
Concen: 9.71 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:198 Resp: 815

Ion	Ratio	Lower	Upper
198	100		
51	81.7	48.6	88.6
105	84.2	45.8	85.8



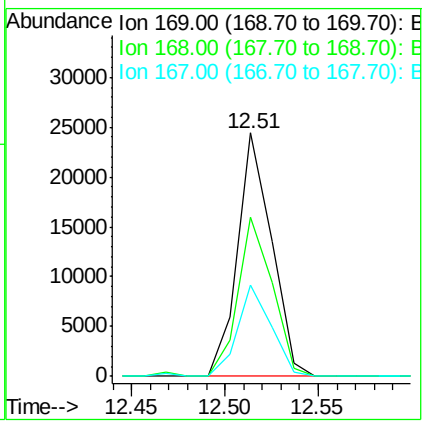


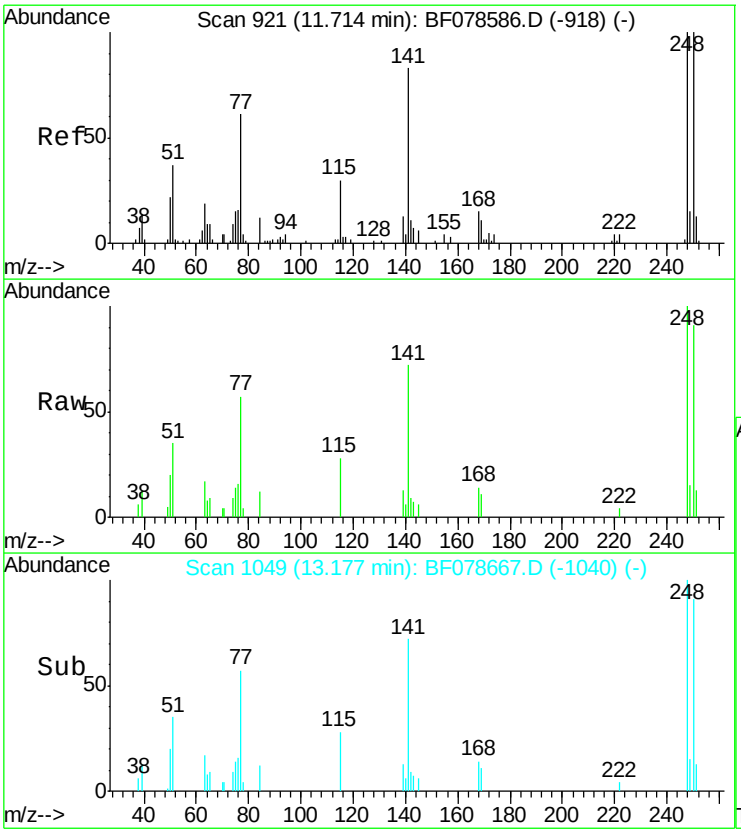
#65
n-Nitrosodiphenylamine
Concen: 7.60 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:169 Resp: 31053

Ion	Ratio	Lower	Upper
169	100		
168	65.4	55.0	82.4
167	37.3	29.3	43.9

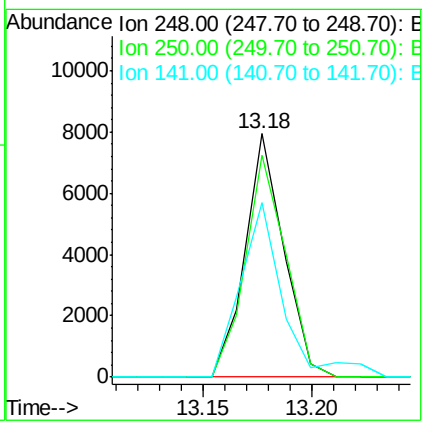


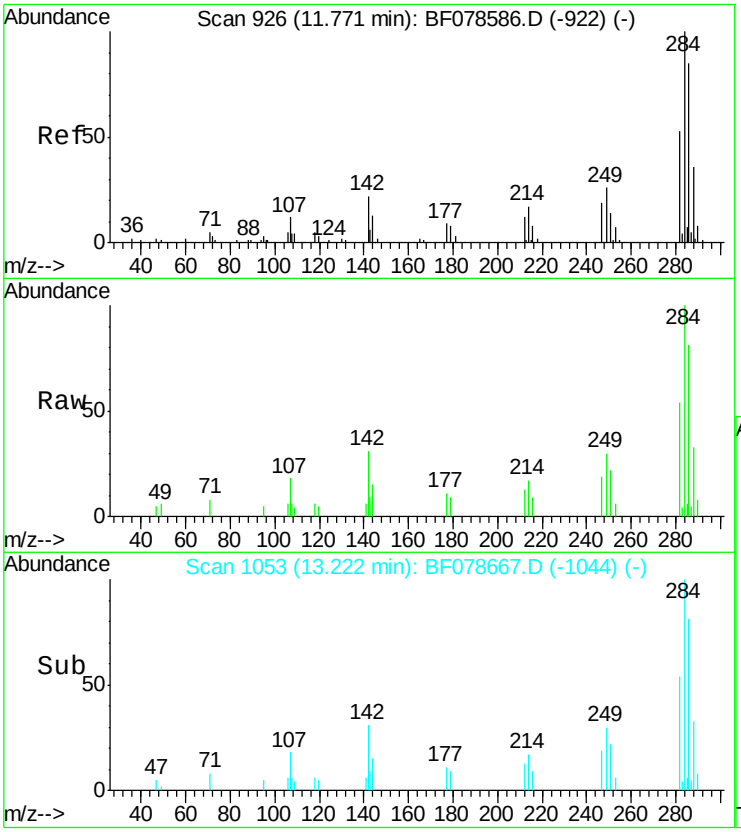


#66
4-Bromophenyl-phenylether
Concen: 7.87 ng
RT: 13.18 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:248 Resp: 9837

Ion	Ratio	Lower	Upper
248	100		
250	91.0	78.2	117.2
141	71.8	66.4	99.6



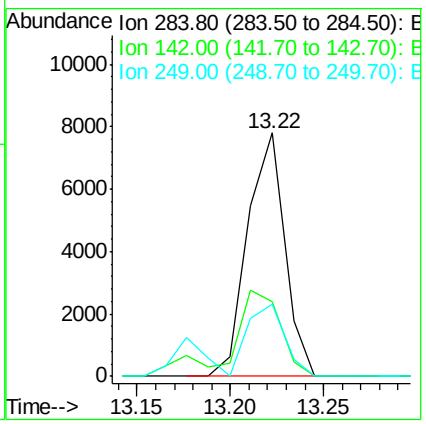


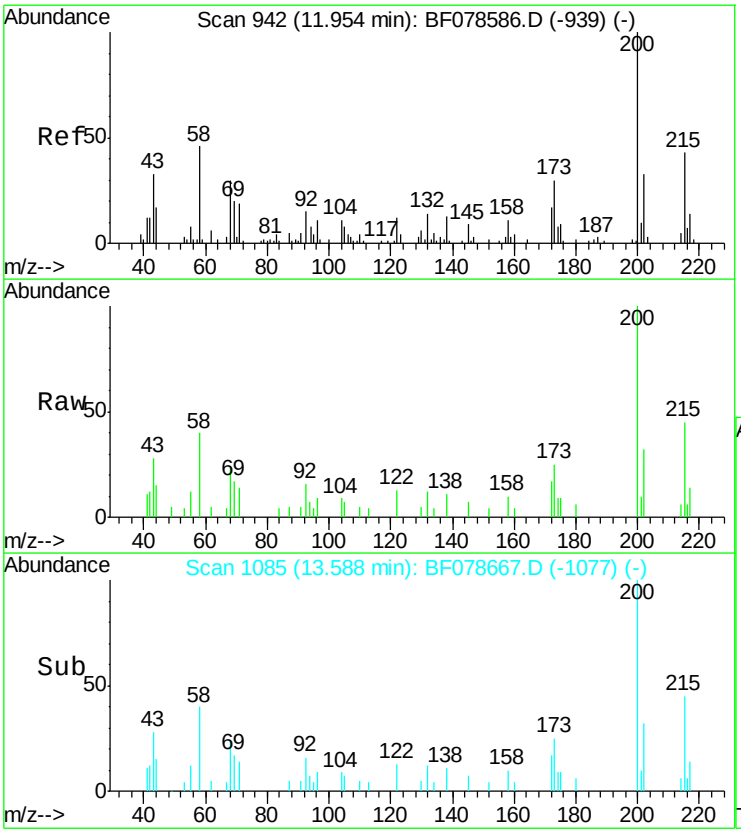
#67
Hexachlorobenzene
Concen: 7.84 ng
RT: 13.22 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:284 Resp: 10748

Ion	Ratio	Lower	Upper
284	100		
142	30.6	24.5	36.7
249	29.8	24.8	37.2

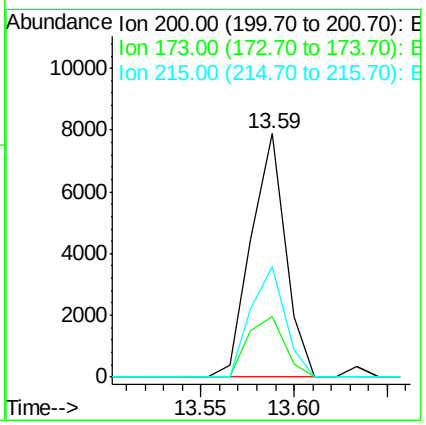


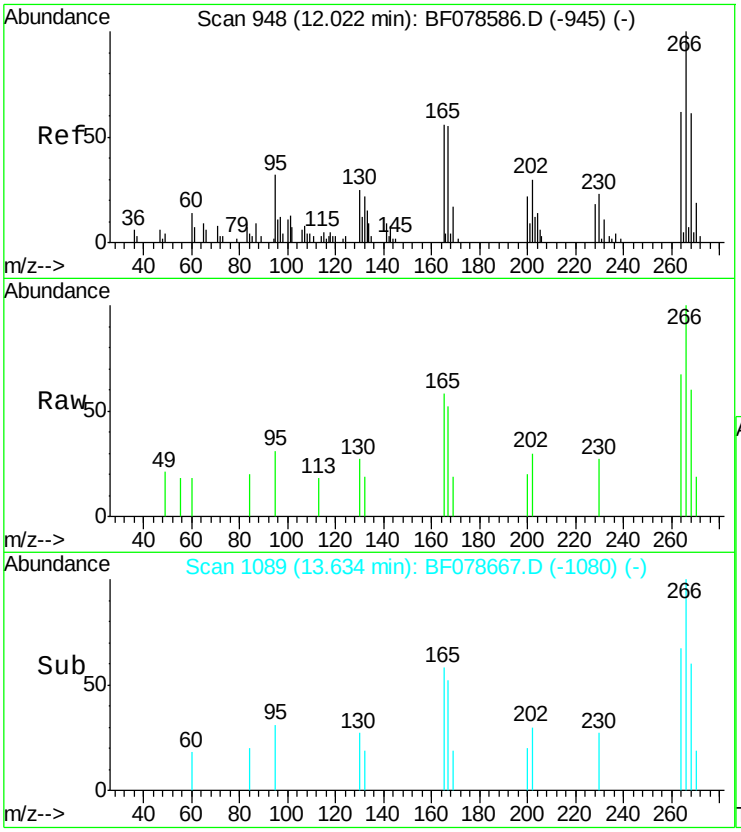


#68
Atrazine
Concen: 8.52 ng
RT: 13.59 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:200 Resp: 10079

Ion	Ratio	Lower	Upper
200	100		
173	24.9	6.9	46.9
215	45.2	27.1	67.1



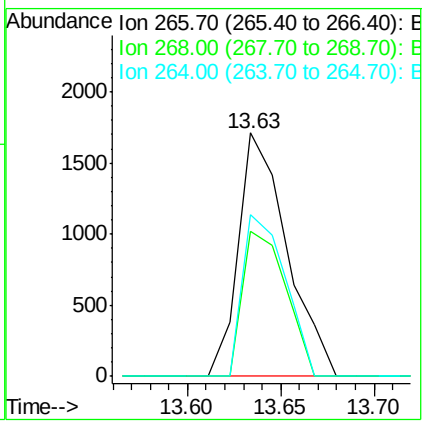


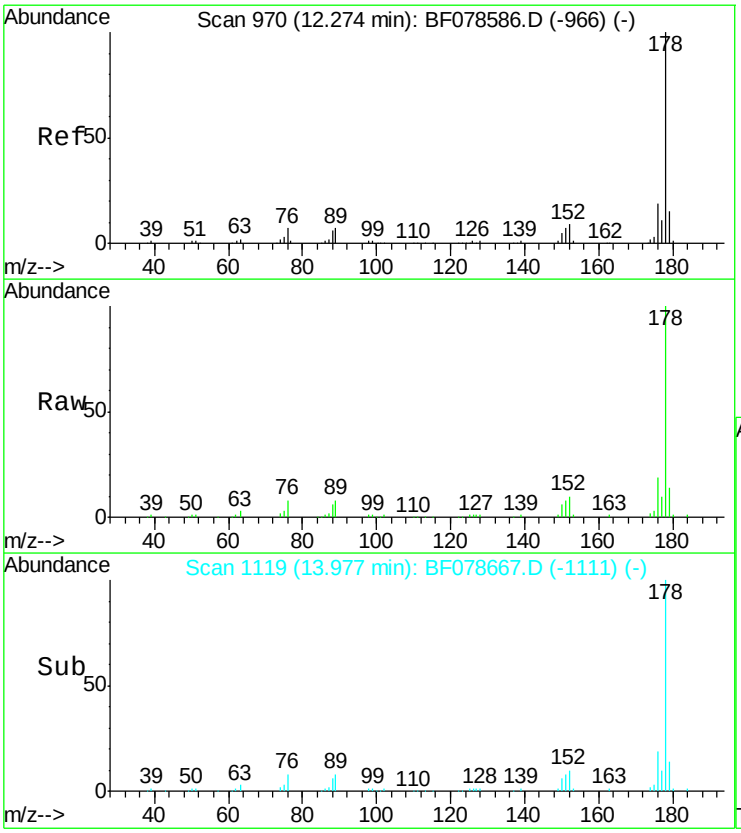
#69
Pentachlorophenol
Concen: 12.37 ng
RT: 13.63 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:266 Resp: 3100

Ion	Ratio	Lower	Upper
266	100		
268	59.8	50.1	75.1
264	66.6	50.0	75.0

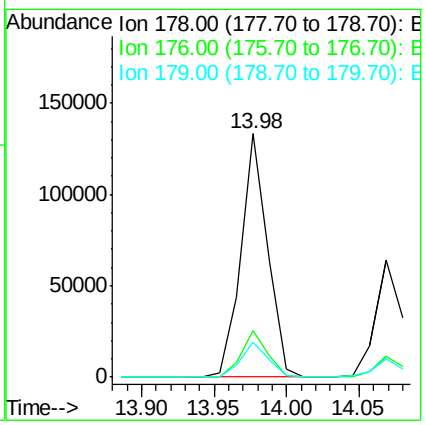


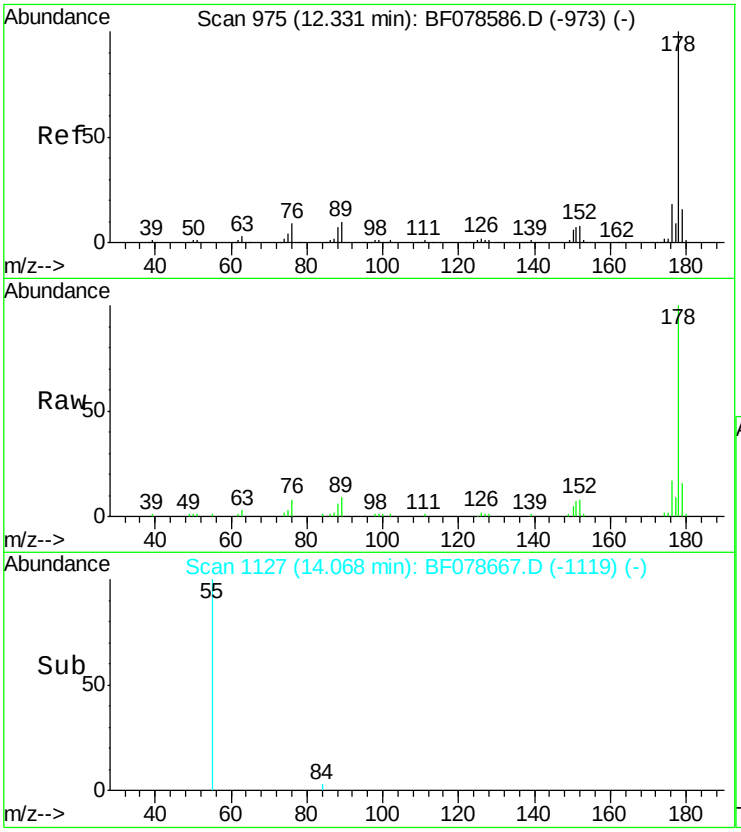


#70
Phenanthrene
Concen: 24.85 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:178 Resp: 169735

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	14.4	12.2	18.2



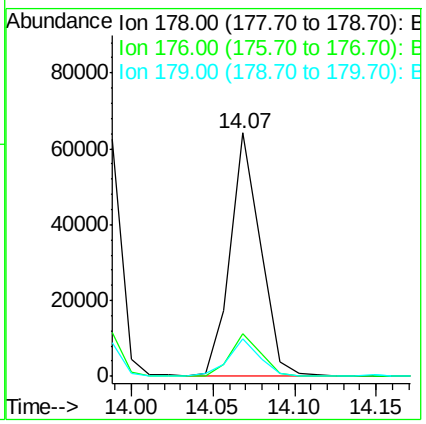


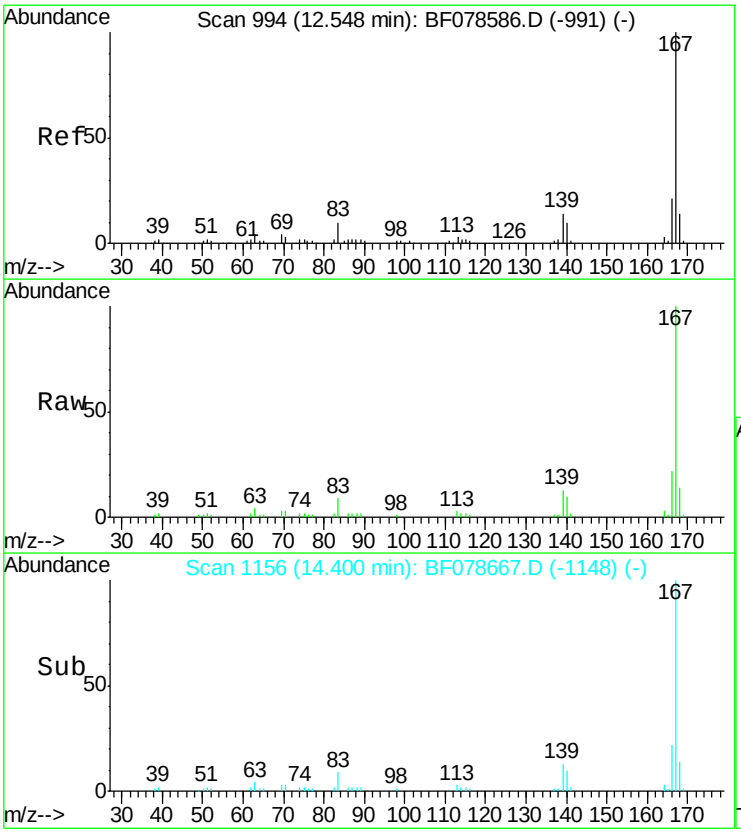
#71
Anthracene
Concen: 12.19 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:178 Resp: 82029

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.8	22.2
179	15.6	12.4	18.6

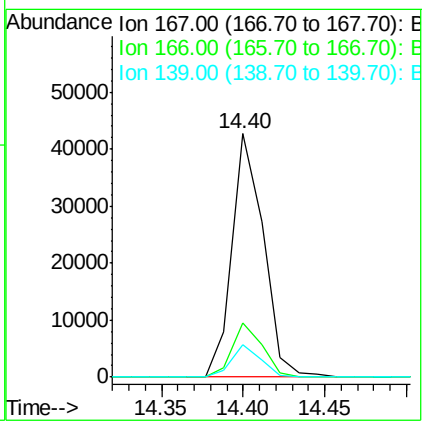


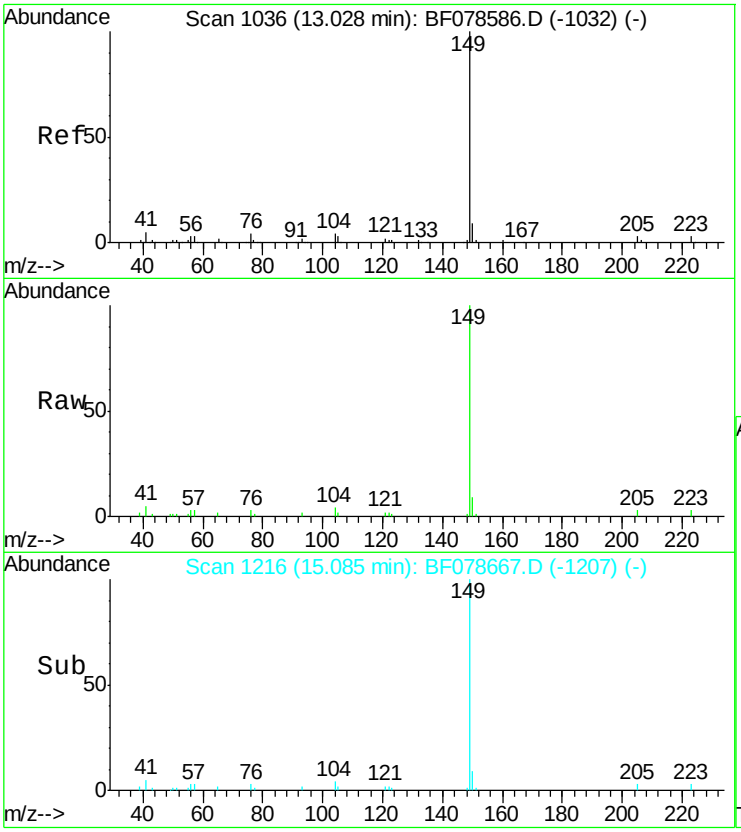


#72
Carbazole
Concen: 8.98 ng
RT: 14.40 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:167 Resp: 56640

Ion	Ratio	Lower	Upper
167	100		
166	22.4	16.8	25.2
139	13.2	10.0	15.0



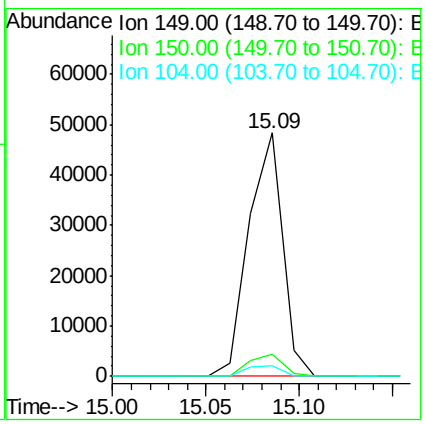


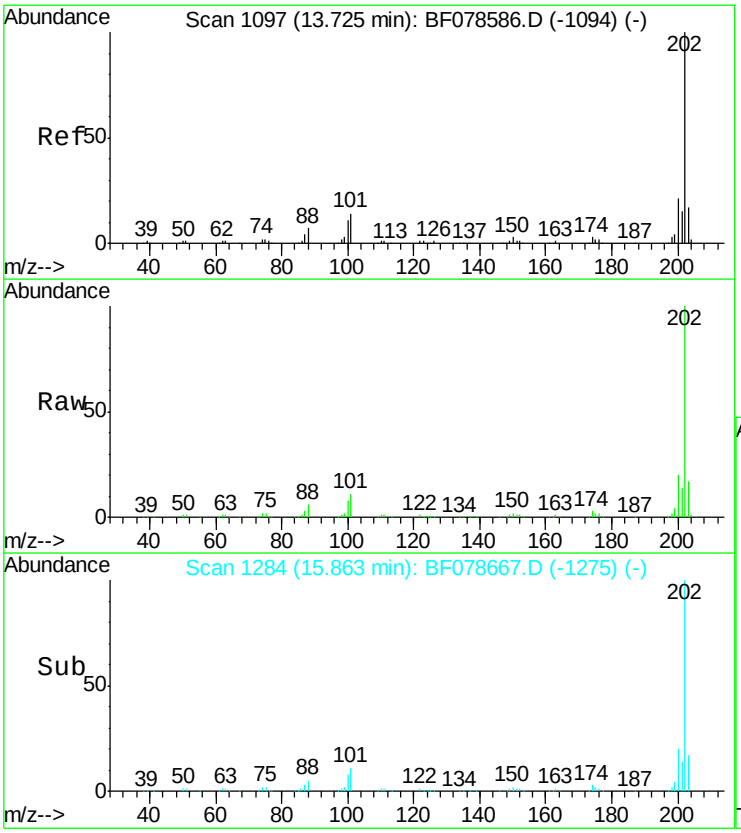
#73
Di-n-butylphthalate
Concen: 8.49 ng
RT: 15.09 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:149 Resp: 60684

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.1	10.7
104	4.3	3.8	5.6

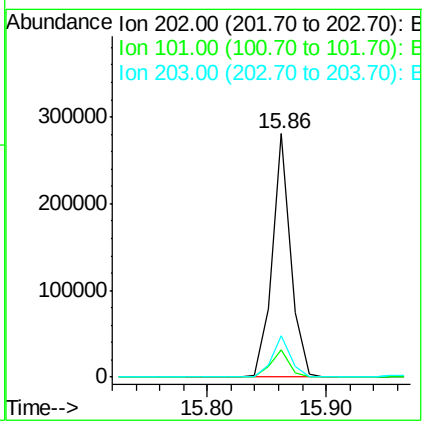


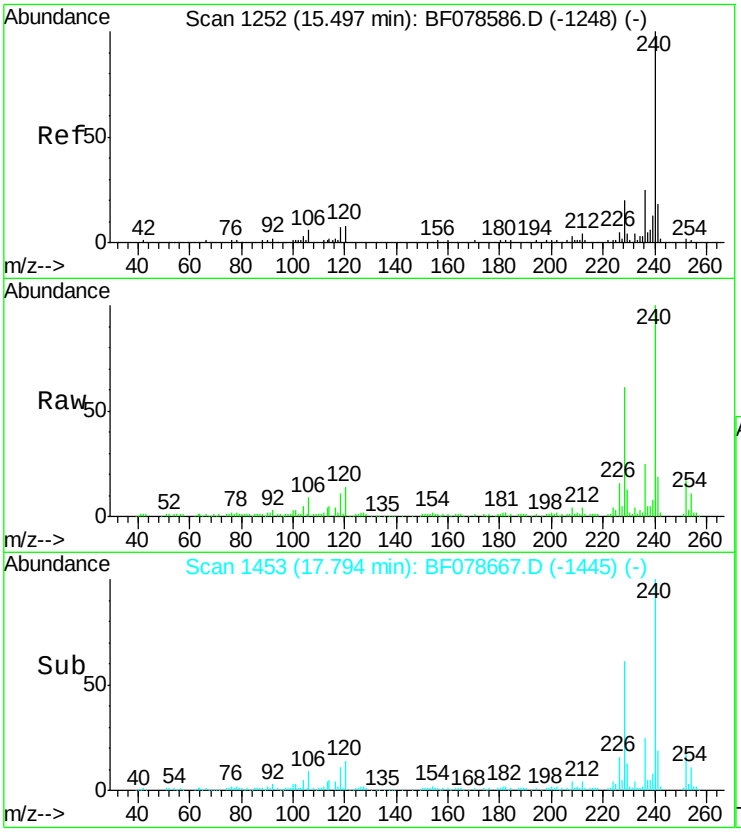


#74
Fluoranthene
Concen: 41.91 ng
RT: 15.86 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:202 Resp: 301832

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	35.2
203	17.2	0.0	38.5



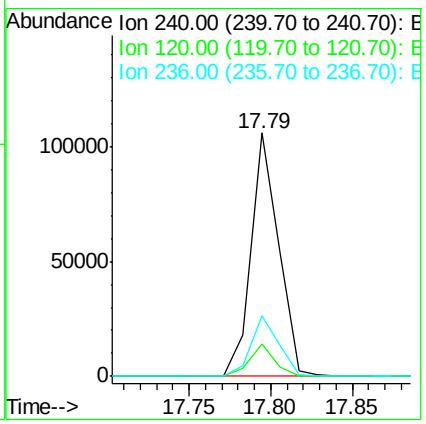


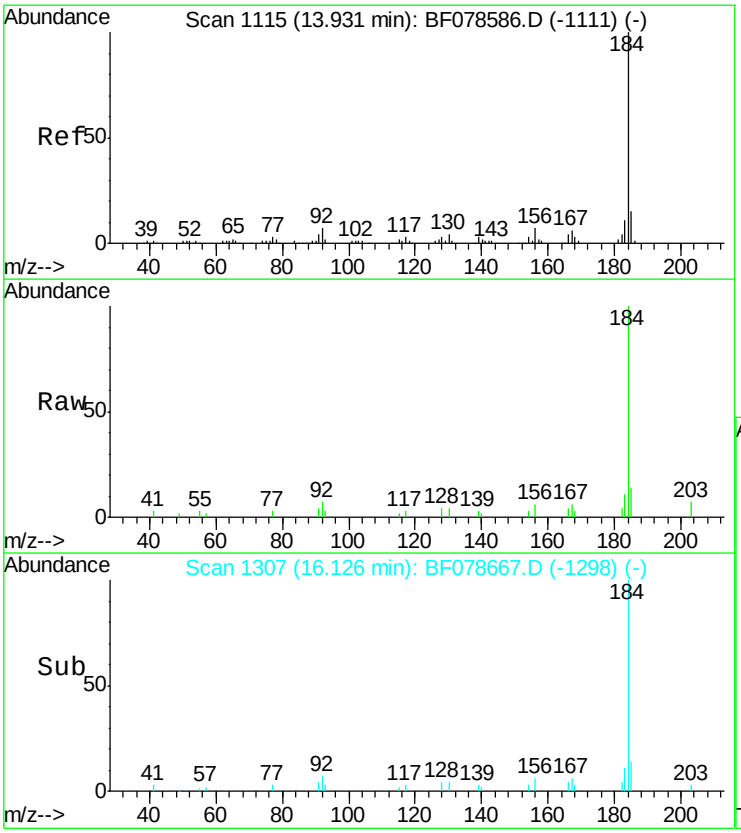
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:240 Resp: 125188

Ion	Ratio	Lower	Upper
240	100		
120	13.5	7.1	10.7#
236	24.9	21.4	32.2

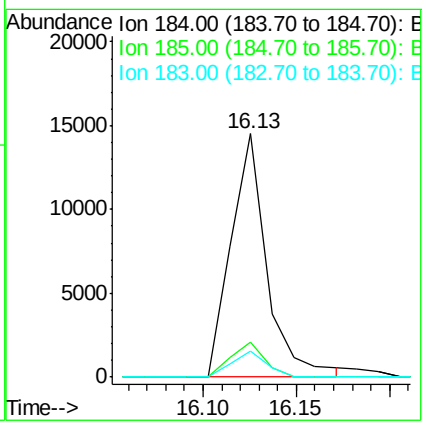


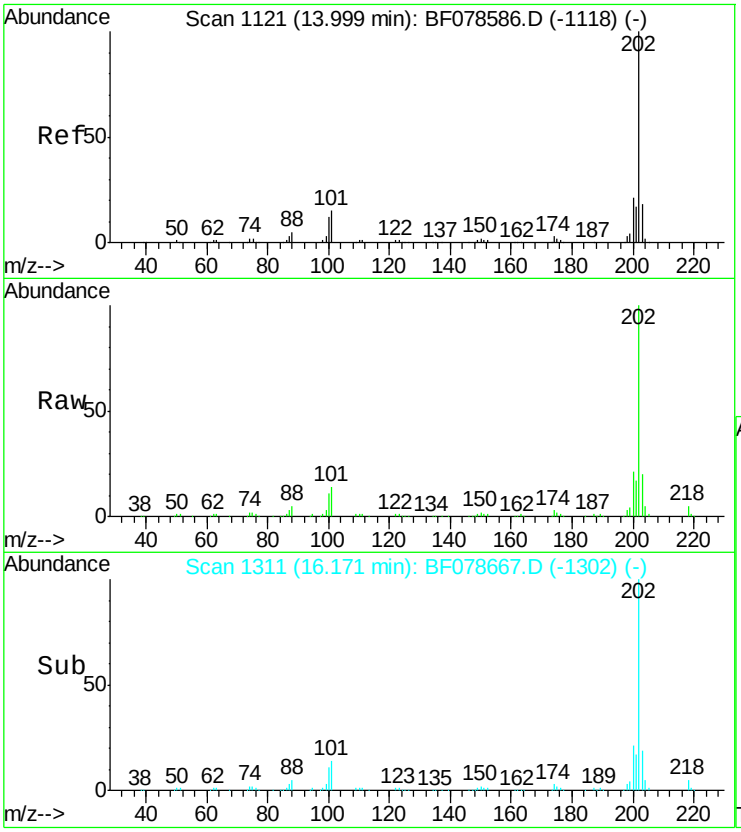


#76
Benzidine
Concen: 4.05 ng
RT: 16.13 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:184 Resp: 19515

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	10.9	9.5	14.3



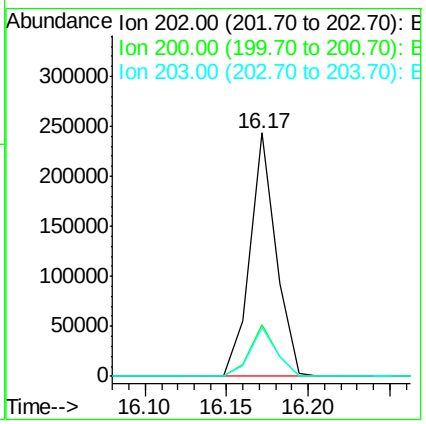


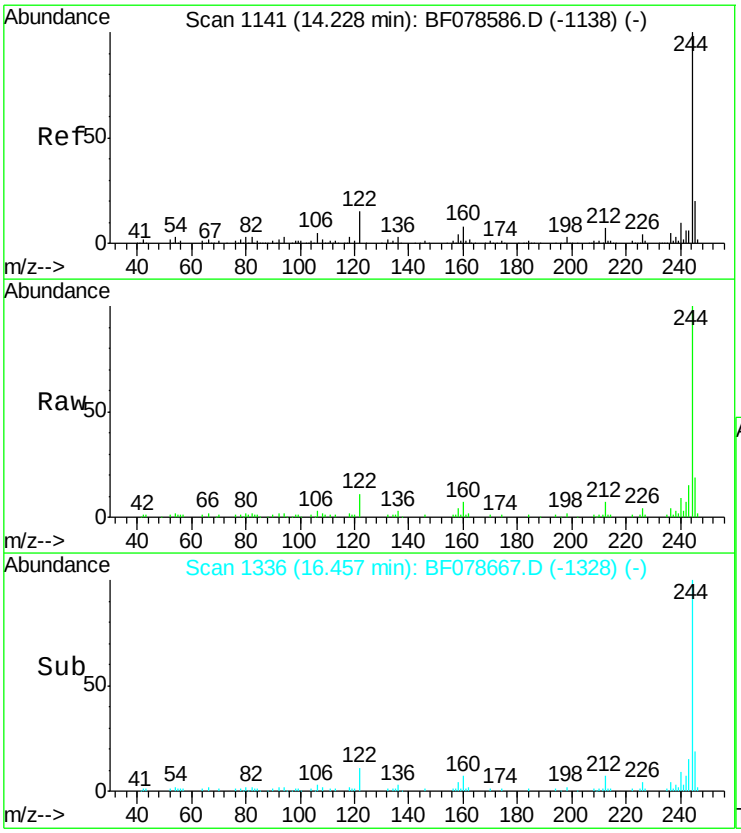
#77
Pyrene
Concen: 34.63 ng
RT: 16.17 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:202 Resp: 272113

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	20.1	13.8	20.6

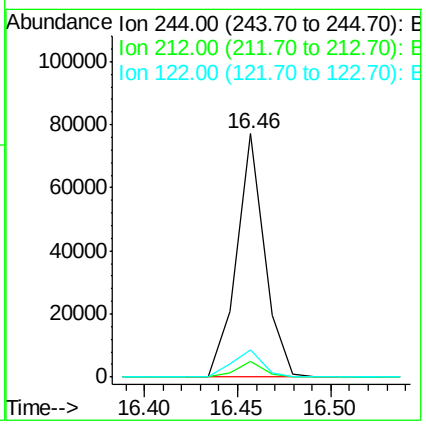


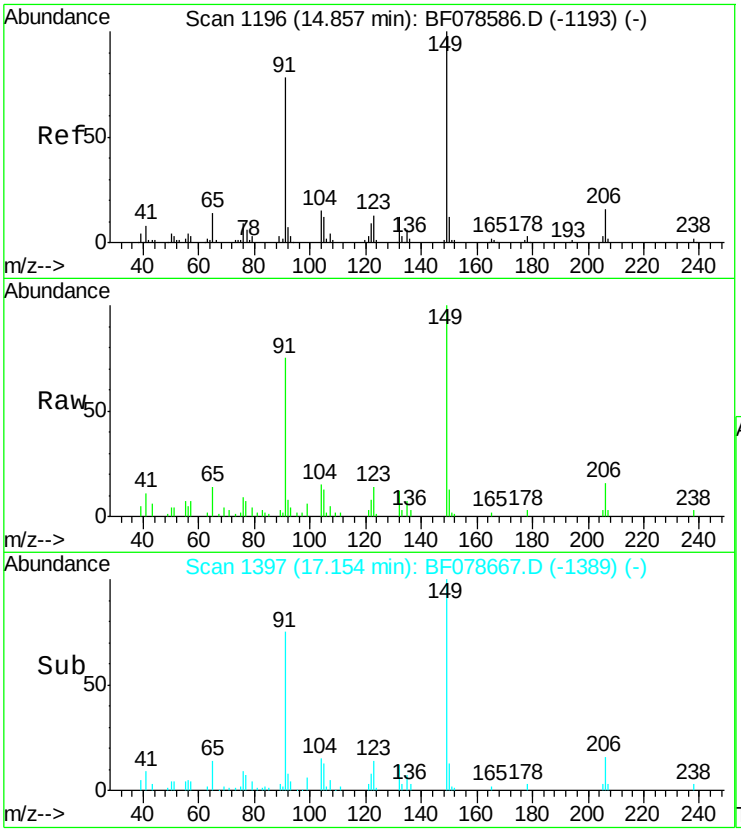


#78
Terphenyl-d14
Concen: 14.64 ng
RT: 16.46 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:244 Resp: 81121

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	11.1	7.1	10.7#



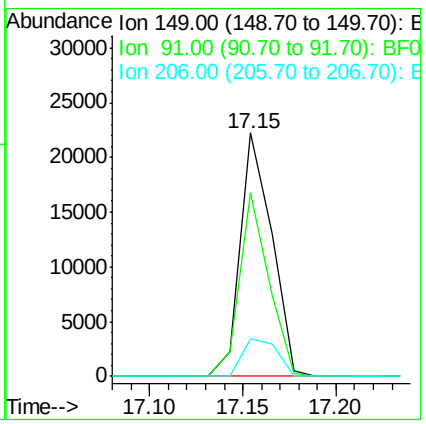


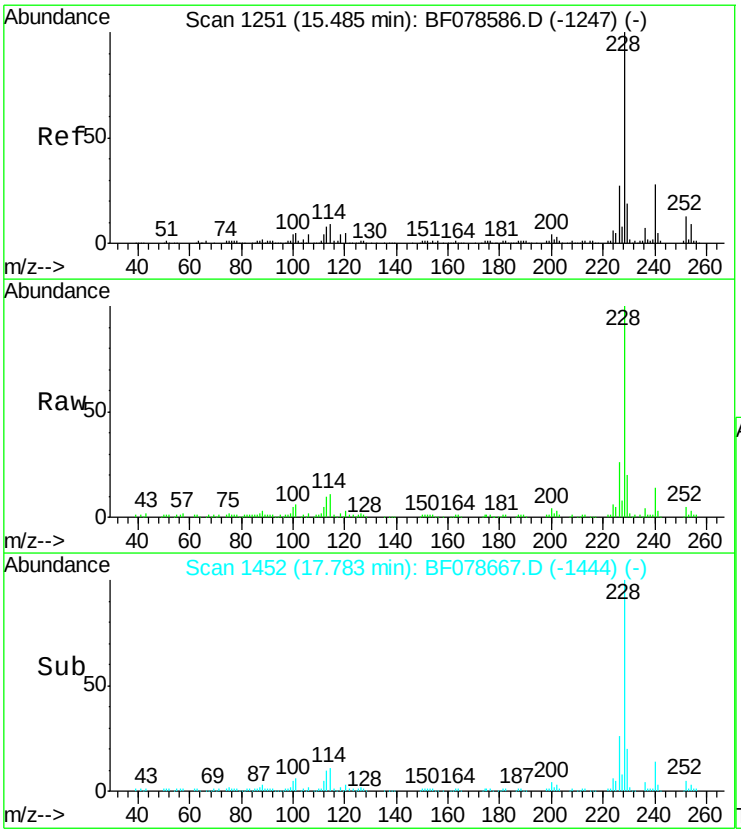
#79
Butylbenzylphthalate
Concen: 8.69 ng
RT: 17.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:149 Resp: 26024

Ion	Ratio	Lower	Upper
149	100		
91	75.5	64.2	96.2
206	15.6	12.6	18.8

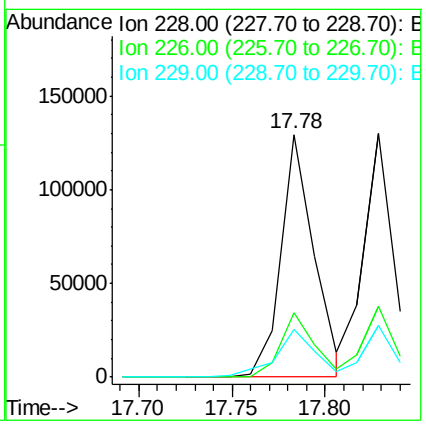


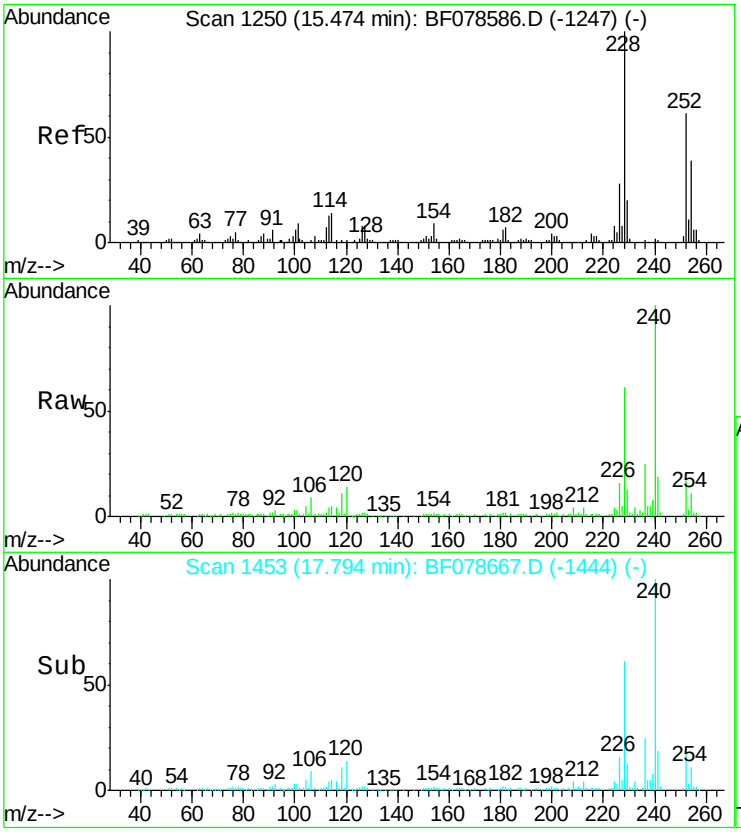


#80
Benzo(a)anthracene
Concen: 21.51 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:228 Resp: 160207

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.8	15.4	23.2



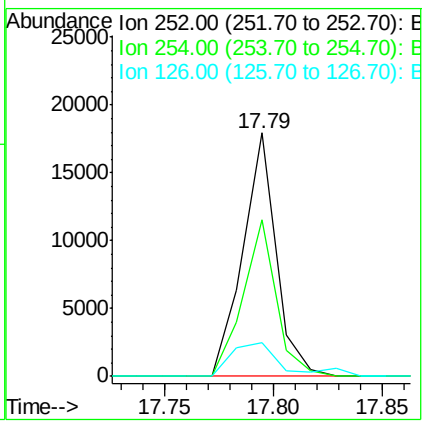


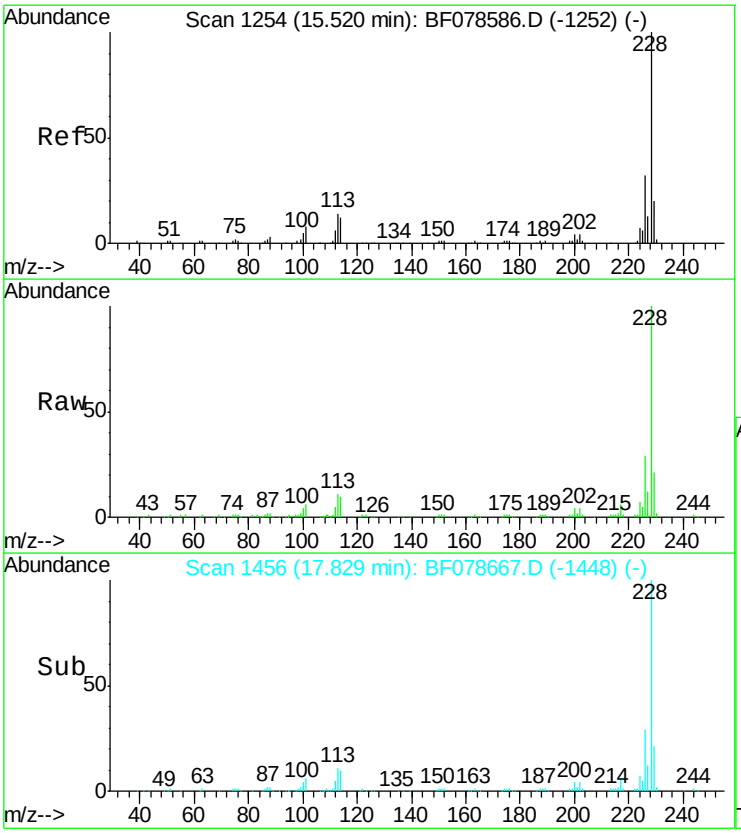
#81
3,3'-Dichlorobenzidine
Concen: 7.67 ng
RT: 17.79 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Instrument :
BNA_F
ClientSampleId :
SP-A-1MSD

Tgt Ion:252 Resp: 19142

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	13.6	6.3	9.5#





#82
Chrysene
Concen: 20.15 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF078667.D
Acq: 21 Apr 2015 4:52

Tgt Ion:228 Resp: 140988

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	21.0	15.8	23.8