Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
Data File : BF081113.D
Acq On : 20 Aug 2015 7:45
Operator : UM/IZ
Sample : G3318-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 20 08:11:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60939	20.00 ng	-0.04
21) Naphthalene-d8	7.88	136	245565	20.00 ng	-0.03
38) Acenaphthene-d10	9.62	164	112205	20.00 ng	-0.03
63) Phenanthrene-d10	11.09	188	228657	20.00 ng	-0.04
75) Chrysene-d12	13.72	240	171031	20.00 ng	-0.03
86) Perylene-d12	15.04	264	162154	20.00 ng	-0.05
System Monitoring Compounds					
5) 2-Fluorophenol	5.18	112	506064	124.91 ng	0.00
7) Phenol-d6	6.24	99	621695	117.61 ng	-0.02
23) Nitrobenzene-d5	7.16	82	490149	91.18 ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	155607	159.98 ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	826675	96.53 ng	-0.03
78) Terphenyl-d14	12.68	244	735118	92.14 ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc Units		Qvalue
2) 1,4-Dioxane	2.16	88	66055	34.60 ng	#	91
3) Pyridine	2.78	79	160525	29.79 ng	#	81
4) n-Nitrosodimethylamine	2.69	42	118689	39.56 ng	#	79
6) Aniline	6.25	93	151868	19.76 ng	#	1
8) 2-Chlorophenol	6.38	128	186160	41.98 ng	#	82
9) Benzaldehyde	6.13	77	61039	17.91 ng		99
10) Phenol	6.25	94	235441	37.71 ng		87
11) bis(2-Chloroethyl)ether	6.33	93	198434	41.42 ng		90
12) 1,3-Dichlorobenzene	6.53	146	190983	40.08 ng		96
13) 1,4-Dichlorobenzene	6.61	146	196199	41.58 ng		97
14) 1,2-Dichlorobenzene	6.76	146	170078	38.51 ng		99
15) Benzyl Alcohol	6.74	79	180708	42.25 ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	385002	40.90 ng		96
17) 2-Methylphenol	6.86	107	168366	44.25 ng		97
18) Hexachloroethane	7.10	117	74450	39.05 ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	154659	42.24 ng		92
20) 3+4-Methylphenols	7.02	107	199359	41.28 ng	#	61
22) Acetophenone	7.01	105	285376	44.27 ng	#	89
24) Nitrobenzene	7.18	77	241711	43.00 ng		99
25) Isophorone	7.42	82	434227	43.32 ng		98
26) 2-Nitrophenol	7.50	139	110212	47.15 ng	#	67
27) 2,4-Dimethylphenol	7.54	122	180734	43.71 ng		94
28) bis(2-Chloroethoxy)methane	7.65	93	264173	44.61 ng		98
29) 2,4-Dichlorophenol	7.74	162	161921	46.51 ng		89
30) 1,2,4-Trichlorobenzene	7.82	180	160963	41.60 ng		97
31) Naphthalene	7.90	128	613254	44.80 ng		100
32) Benzoic acid	7.67	122	67045	28.82 ng		95
33) 4-Chloroaniline	7.96	127	90094	15.60 ng	#	86
34) Hexachlorobutadiene	8.02	225	96366	44.04 ng		97
35) Caprolactam	8.33	113	28126	23.12 ng	#	84
36) 4-Chloro-3-methylphenol	8.45	107	197787	47.67 ng		99
37) 2-Methylnaphthalene	8.58	142	365081	42.22 ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	161351	44.57 ng	#	97
40) Hexachlorocyclopentadiene	8.74	237	161199	86.03 ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
Data File : BF081113.D
Acq On : 20 Aug 2015 7:45
Operator : UM/IZ
Sample : G3318-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 20 08:11:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	122113	47.75	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	114849	44.93	ng		97
45) 1,1'-Biphenyl	9.05	154	457859	46.33	ng		95
46) 2-Chloronaphthalene	9.08	162	366196	46.12	ng		97
47) 2-Nitroaniline	9.18	65	159918	49.22	ng	#	67
48) Acenaphthylene	9.49	152	626808	44.13	ng		99
49) Dimethylphthalate	9.36	163	426851	46.19	ng		99
50) 2,6-Dinitrotoluene	9.42	165	83985	42.33	ng	#	64
51) Acenaphthene	9.66	154	371870	43.73	ng		100
52) 3-Nitroaniline	9.58	138	66627	26.84	ng		96
53) 2,4-Dinitrophenol	9.69	184	66996	63.62	ng	#	63
54) Dibenzofuran	9.83	168	543183	47.67	ng		97
55) 4-Nitrophenol	9.76	139	142749	81.86	ng	#	80
56) 2,4-Dinitrotoluene	9.82	165	110457	42.00	ng	#	62
57) Fluorene	10.16	166	388708	44.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	94915	47.98	ng		94
59) Diethylphthalate	10.06	149	443955	45.39	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	165968	44.75	ng		95
61) 4-Nitroaniline	10.20	138	94915	37.40	ng		94
62) Azobenzene	10.32	77	521235	46.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	52854	38.71	ng	#	46
65) n-Nitrosodiphenylamine	10.29	169	352660	43.21	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	109619	48.80	ng	#	91
67) Hexachlorobenzene	10.71	284	111732	49.11	ng		95
68) Atrazine	10.82	200	130970	57.59	ng		97
69) Pentachlorophenol	10.90	266	118550	86.85	ng		97
70) Phenanthrene	11.12	178	632971	46.71	ng		100
71) Anthracene	11.17	178	556974	42.24	ng		100
72) Carbazole	11.33	167	587312	46.26	ng		99
73) Di-n-butylphthalate	11.67	149	681846	44.38	ng		98
74) Fluoranthene	12.29	202	660260	45.15	ng		92
76) Benzidine	12.42	184	105190	16.28	ng		98
77) Pyrene	12.52	202	640166	46.04	ng		99
79) Butylbenzylphthalate	13.16	149	343333	57.45	ng	#	78
80) Benzo(a)anthracene	13.71	228	612007	53.36	ng		98
81) 3,3'-Dichlorobenzidine	13.67	252	129251	34.79	ng		99
82) Chrysene	13.74	228	580738	56.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.72	149	423166	55.28	ng	#	98
84) Di-n-octyl phthalate	14.32	149	737894	63.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	445094	61.33	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	1040416	90.71	ng		99
88) Benzo(k)fluoranthene	14.72	252	1040369	97.34	ng	#	97
89) Benzo(a)pyrene	15.00	252	459053	45.93	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	371034	47.65	ng	#	96
91) Benzo(g,h,i)perylene	16.62	276	363379	45.99	ng	#	89

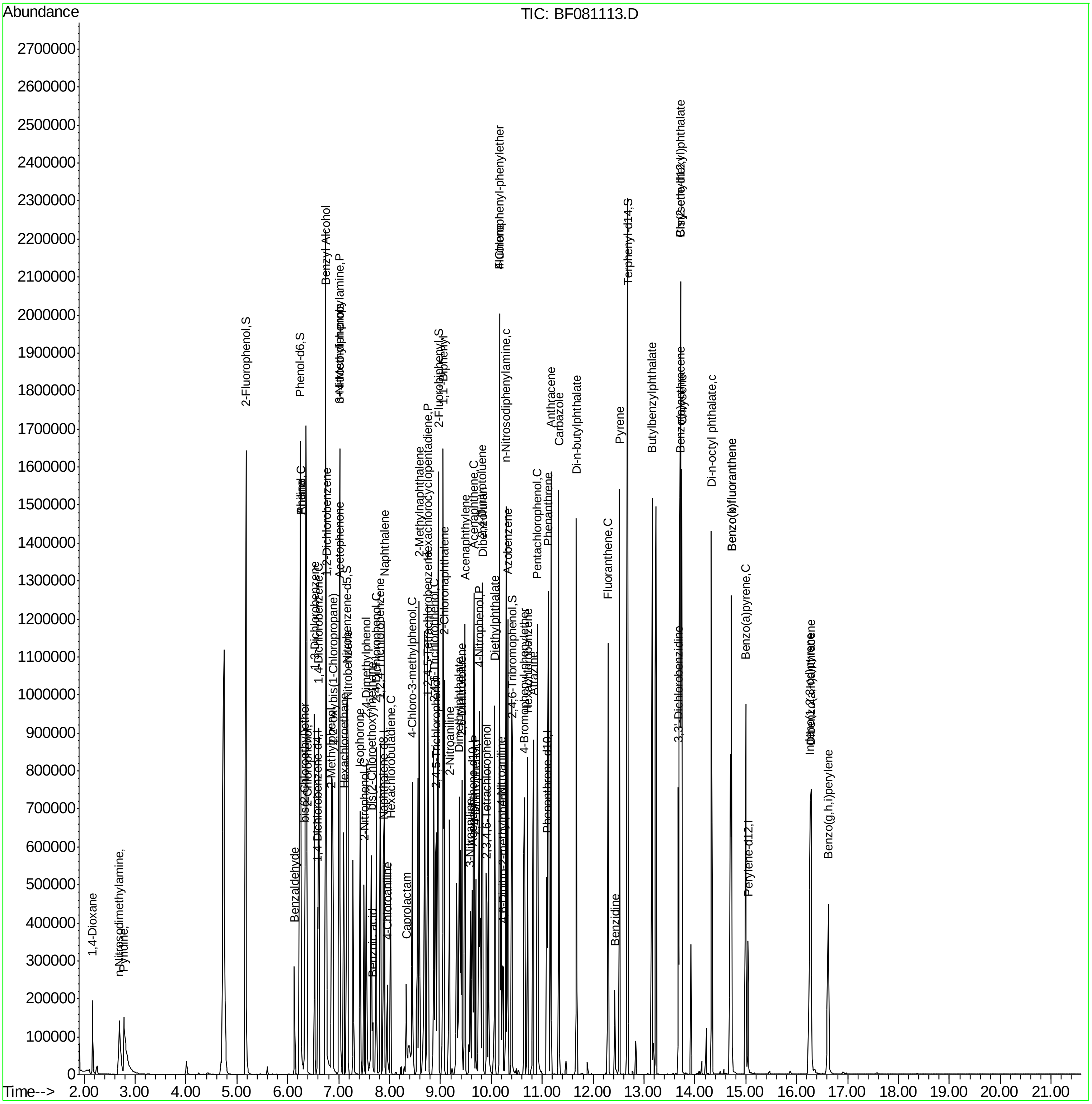
(#) = qualifier out of range (m) = manual integration (+) = signals summed

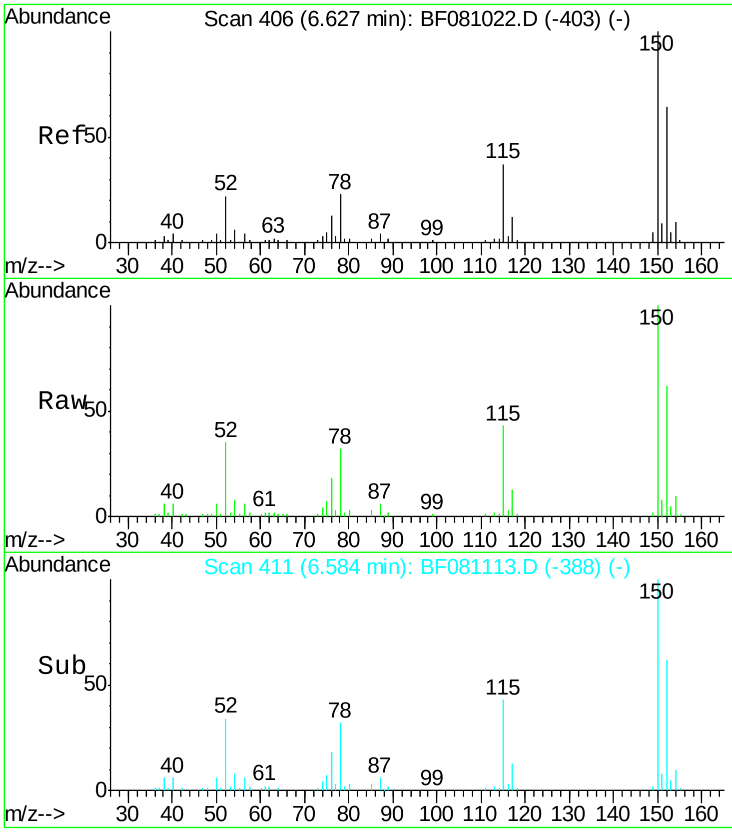
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
Data File : BF081113.D
Acq On : 20 Aug 2015 7:45
Operator : UM/IZ
Sample : G3318-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 20 08:11:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration



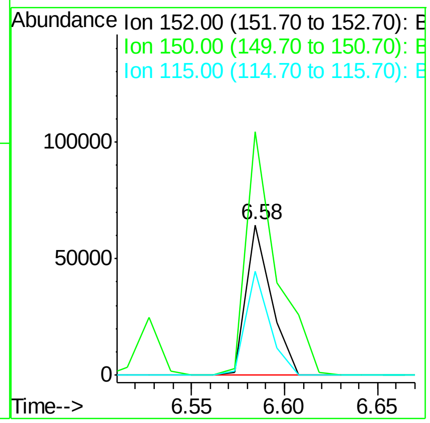


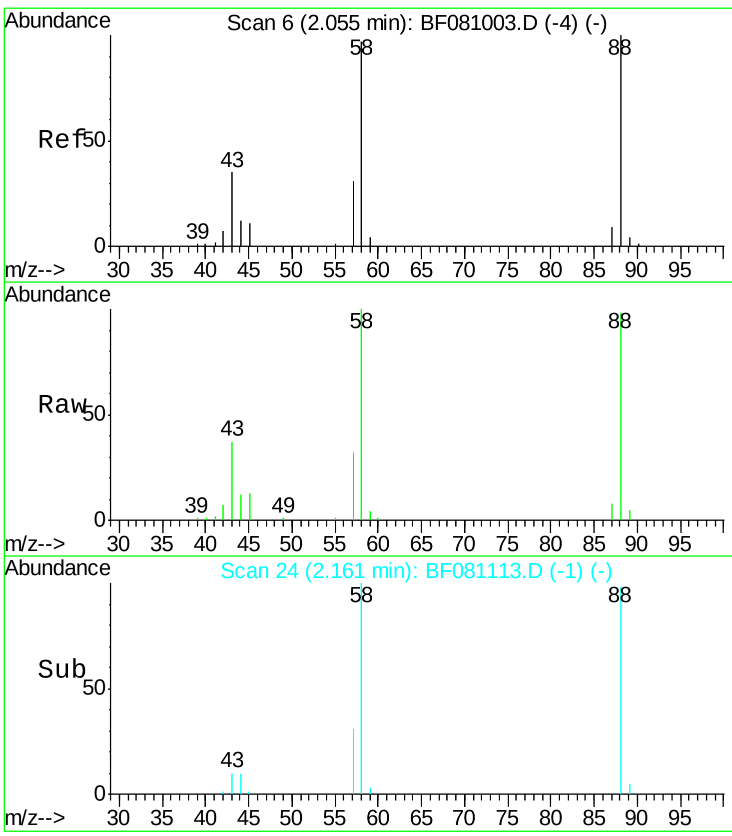
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument : BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60939

Ion	Ratio	Lower	Upper
152	100		
150	162.1	123.8	185.6
115	69.6	52.1	78.1

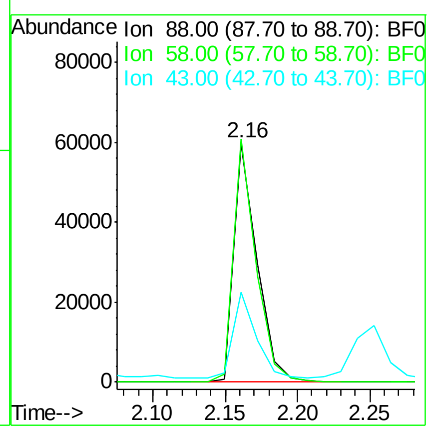


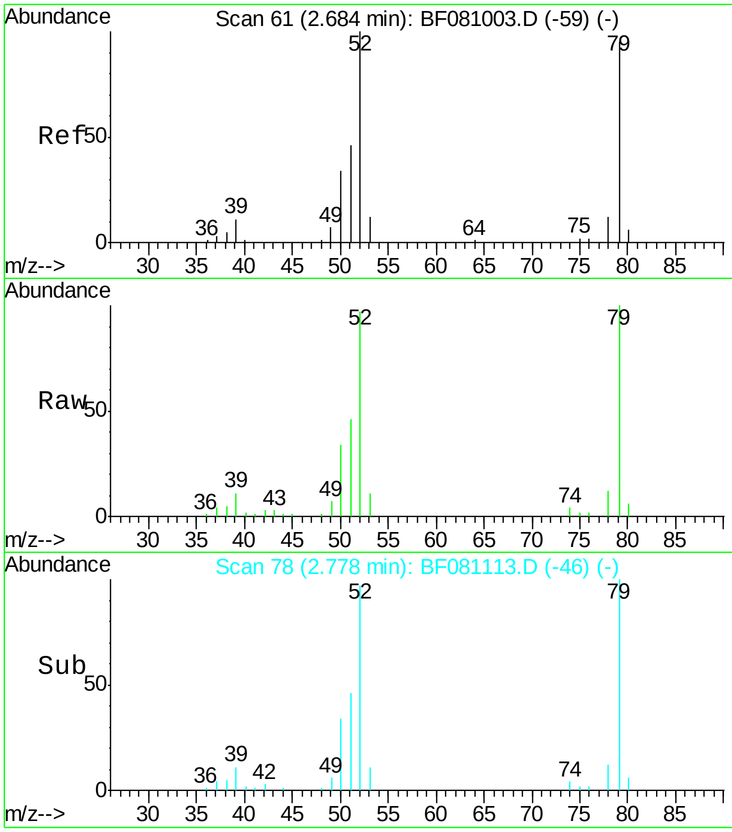


#2
1,4-Dioxane
Concen: 34.60 ng
RT: 2.16 min Scan# 24
Delta R.T. 0.11 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion: 88 Resp: 66055

Ion	Ratio	Lower	Upper
88	100		
58	99.0	83.7	125.5
43	36.1	37.5	56.3#



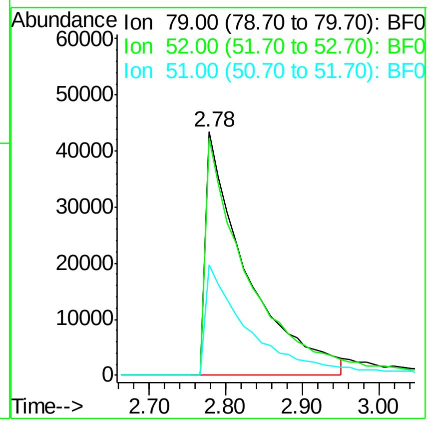


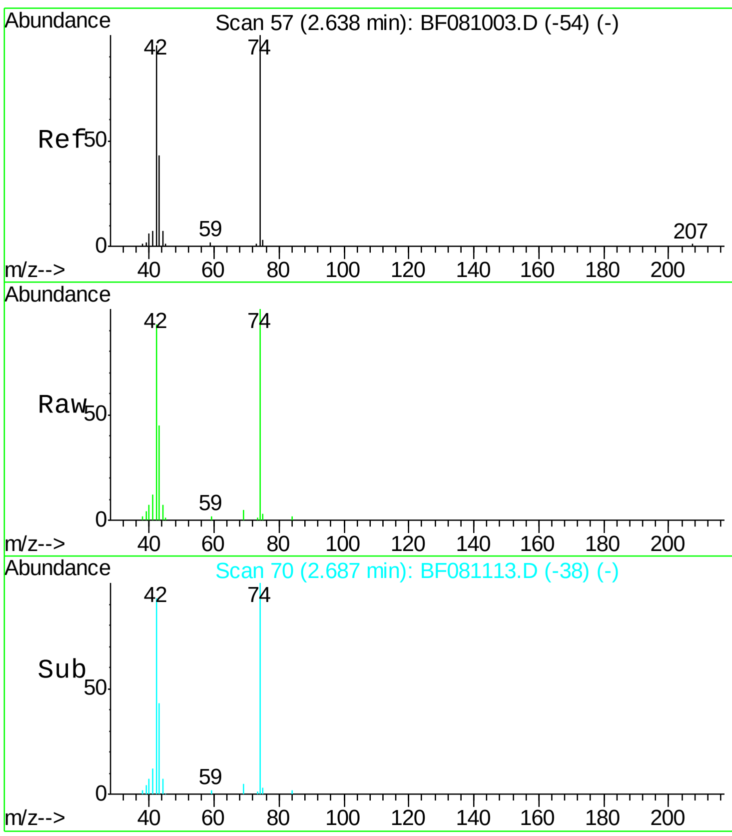
#3
Pyridine
Concen: 29.79 ng
RT: 2.78 min Scan# 78
Delta R.T.   0.06 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 160525

Ion	Ratio	Lower	Upper
79	100		
52	97.5	95.1	142.7
51	45.6	46.6	70.0#

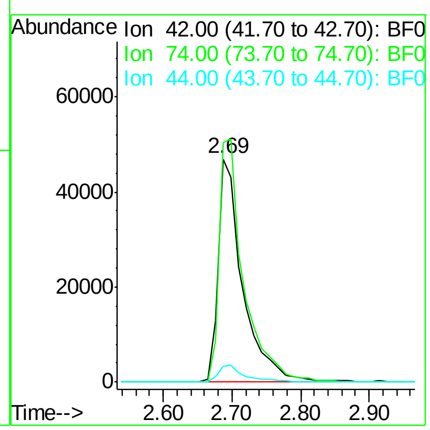


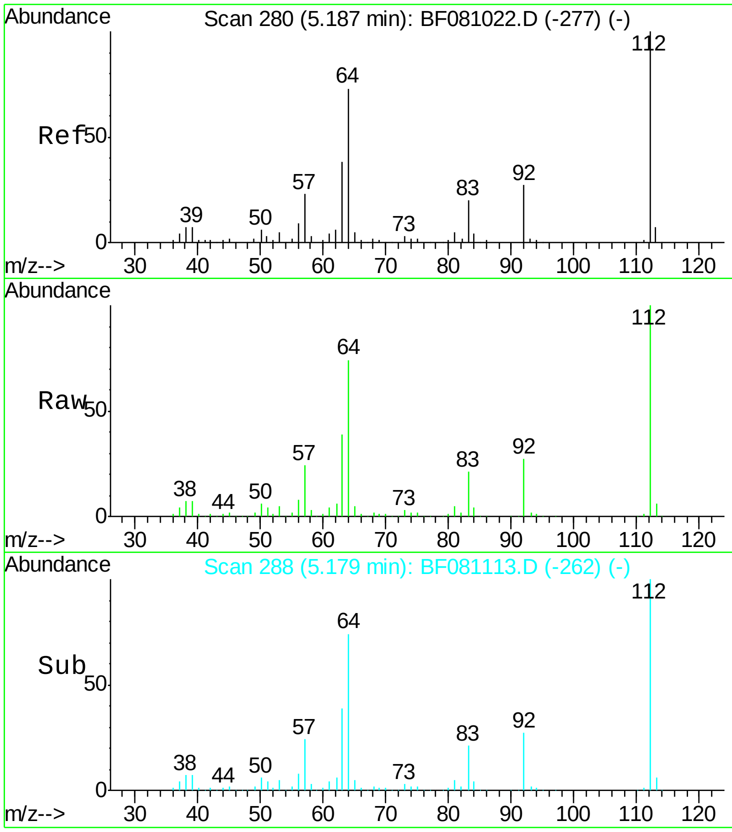


#4
n-Nitrosodimethylamine
Concen: 39.56 ng
RT: 2.69 min Scan# 70
Delta R.T.   0.06 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion: 42 Resp: 118689

Ion	Ratio	Lower	Upper
42	100		
74	107.3	69.3	103.9#
44	7.2	5.5	8.3



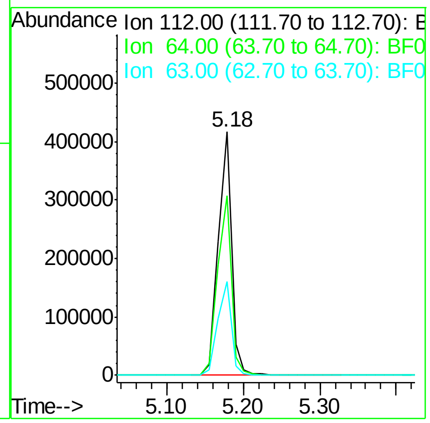


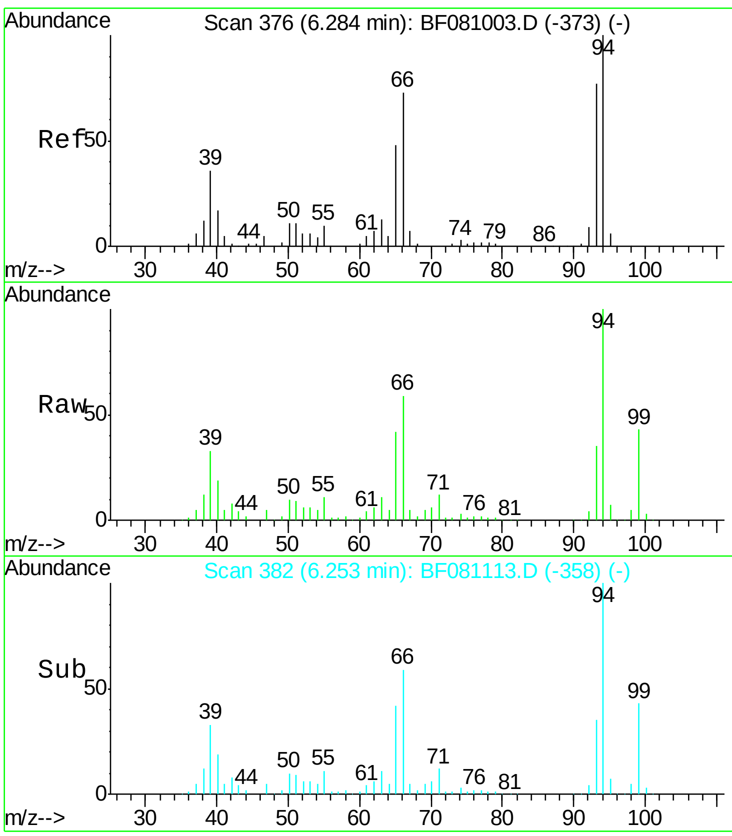
#5
2-Fluorophenol
Concen: 124.91 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 506064

Ion	Ratio	Lower	Upper
112	100		
64	74.0	66.9	100.3
63	38.5	38.1	57.1

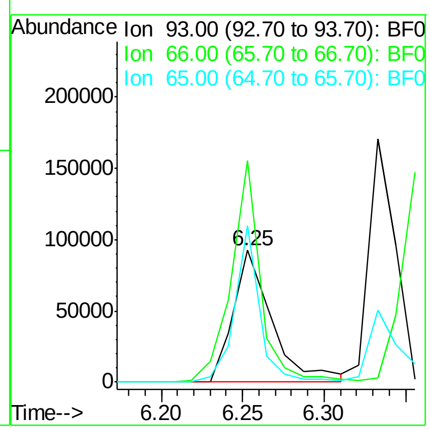


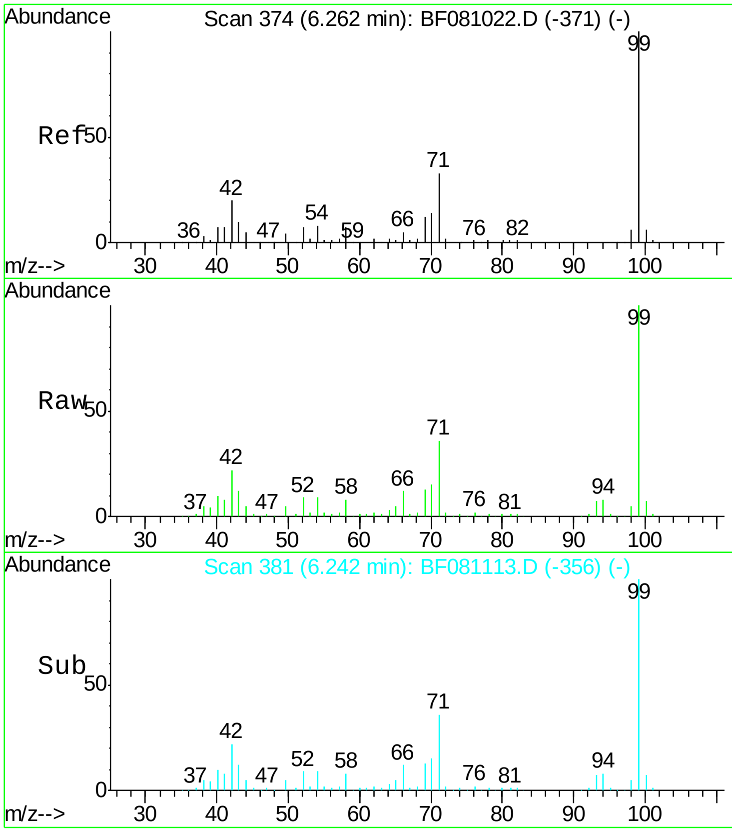


#6
Aniline
Concen: 19.76 ng
RT: 6.25 min Scan# 382
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion: 93 Resp: 151868

Ion	Ratio	Lower	Upper
93	100		
66	168.2	35.6	53.4#
65	118.7	18.7	28.1#



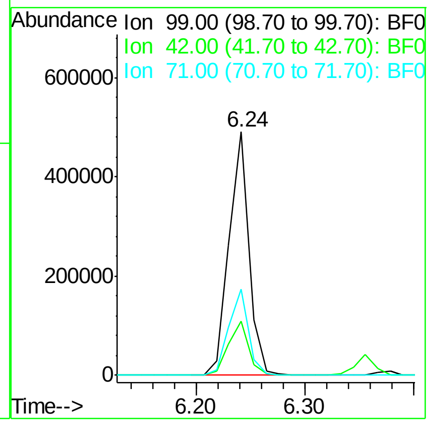


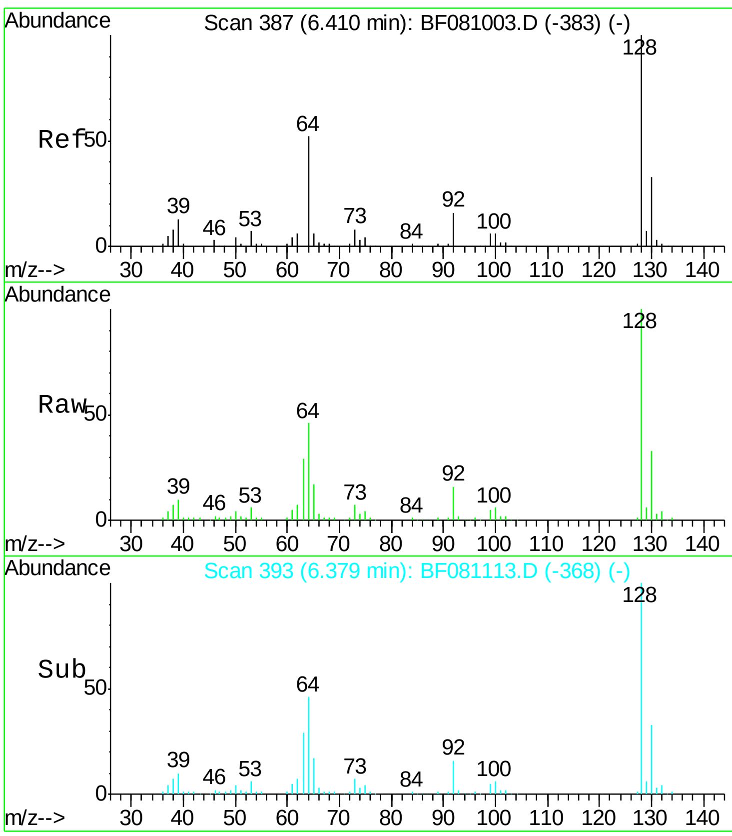
#7
Phenol-d6
Concen: 117.61 ng
RT: 6.24 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 621695

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.6	29.4
71	35.6	31.2	46.8

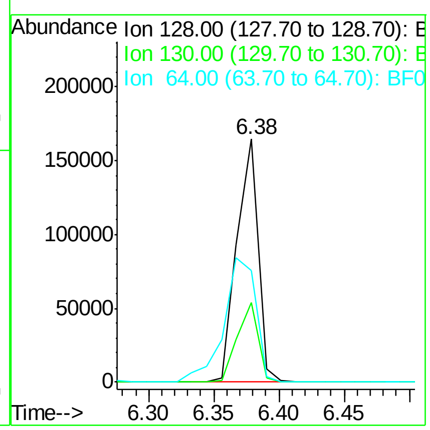




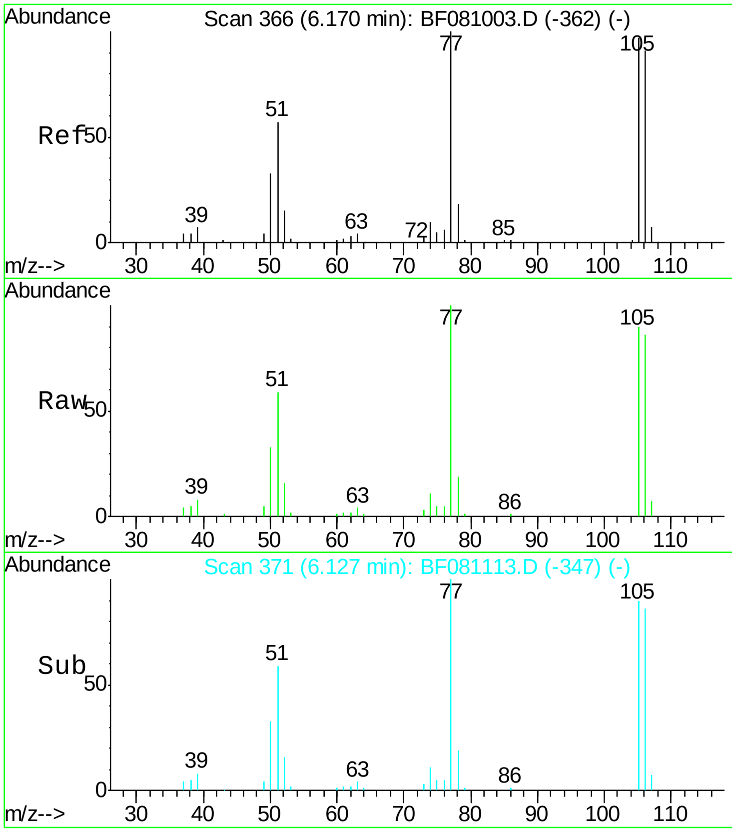
#8
2-Chlorophenol
Concen: 41.98 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:128 Resp: 186160

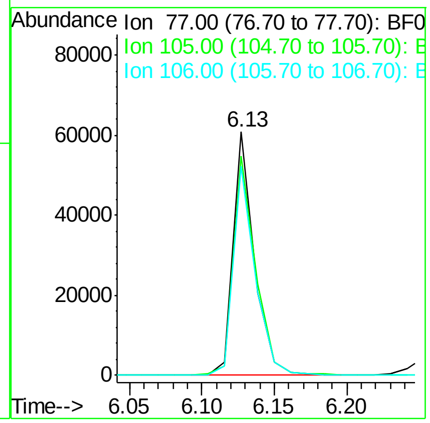
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	45.9	46.8	86.8#

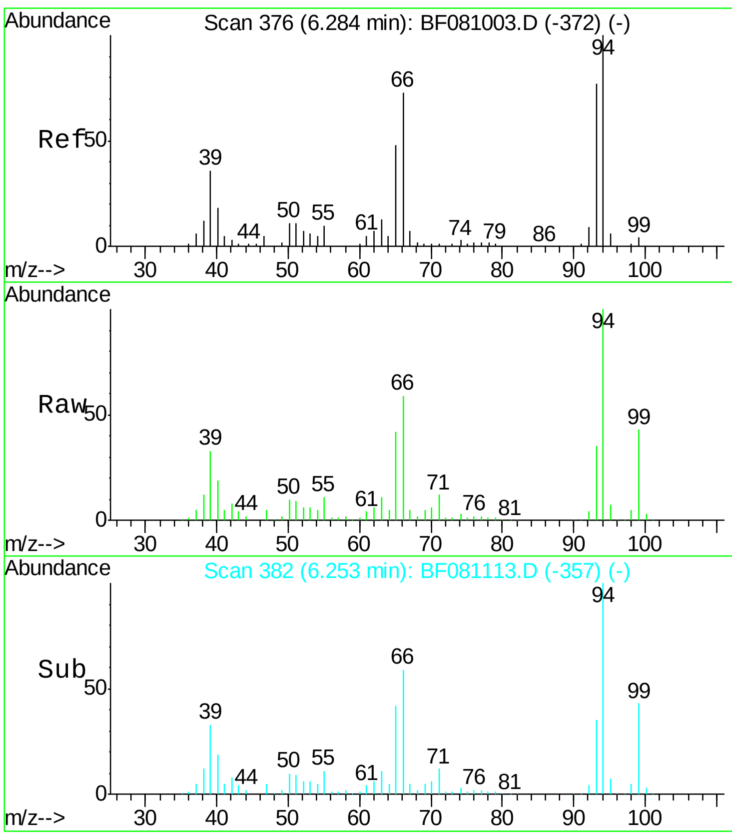


Instrument :
BNA_F
ClientSampleId :

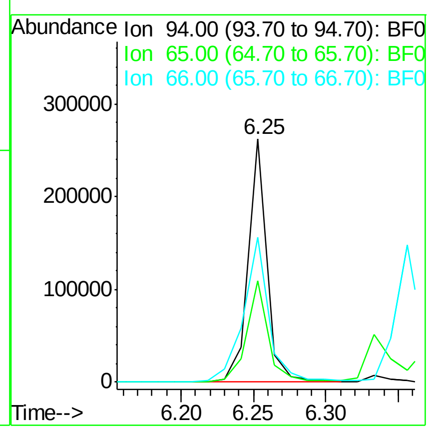


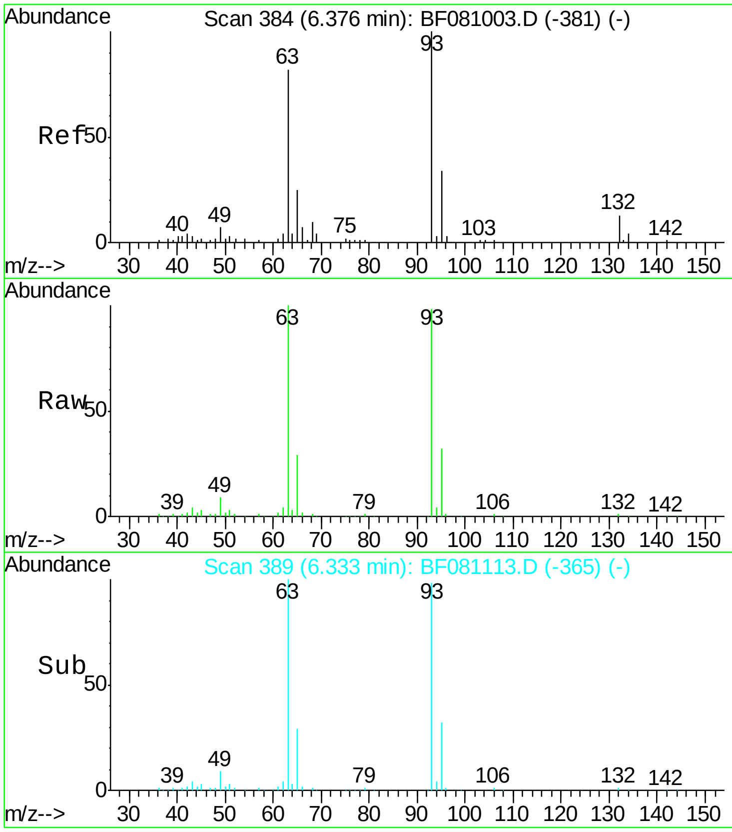

```
#9
Benzaldehyde
Concen:    17.91 ng
RT: 6.13 min   Scan# 371
Delta R.T.    -0.03 min
Lab File:    BF081113.D
Acq: 20 Aug 2015    7:45

Tgt Ion: 77 Resp:    61039
Ion  Ratio  Lower  Upper
 77  100
105   90.0   69.6  109.6
106   86.1   64.0  104.0
```






```
#10
Phenol
Concen:    37.71 ng
RT: 6.25 min   Scan# 382
Delta R.T.    -0.02 min
Lab File:    BF081113.D
Acq: 20 Aug 2015    7:45

Tgt Ion: 94 Resp:   235441
Ion  Ratio  Lower  Upper
 94  100
 65   41.9   28.4   68.4
 66   59.4   52.3   92.3
```



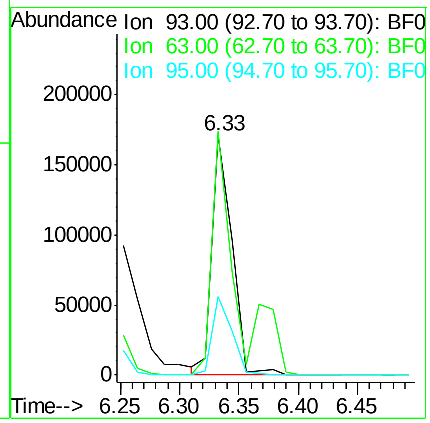


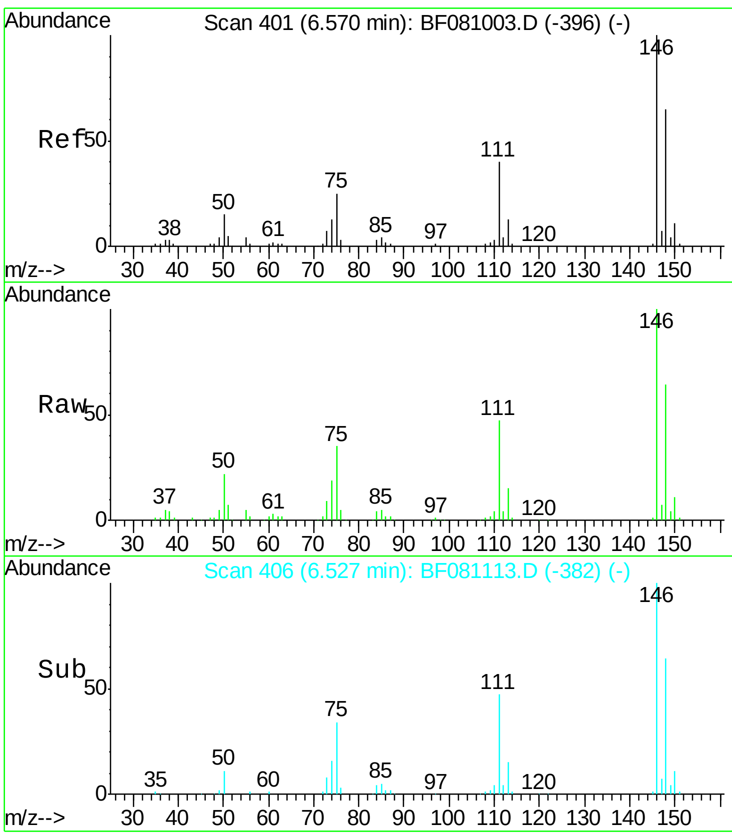
#11
bis(2-Chloroethyl)ether
Concen: 41.42 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 198434

Ion	Ratio	Lower	Upper
93	100		
63	101.8	69.6	109.6
95	33.0	12.3	52.3

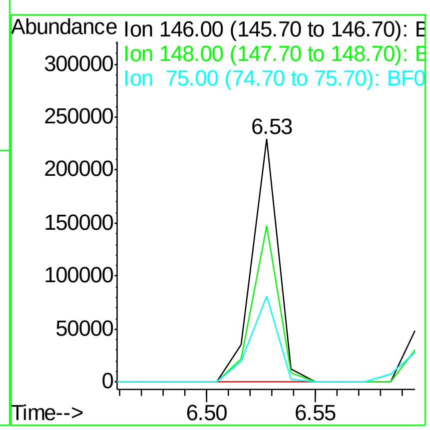


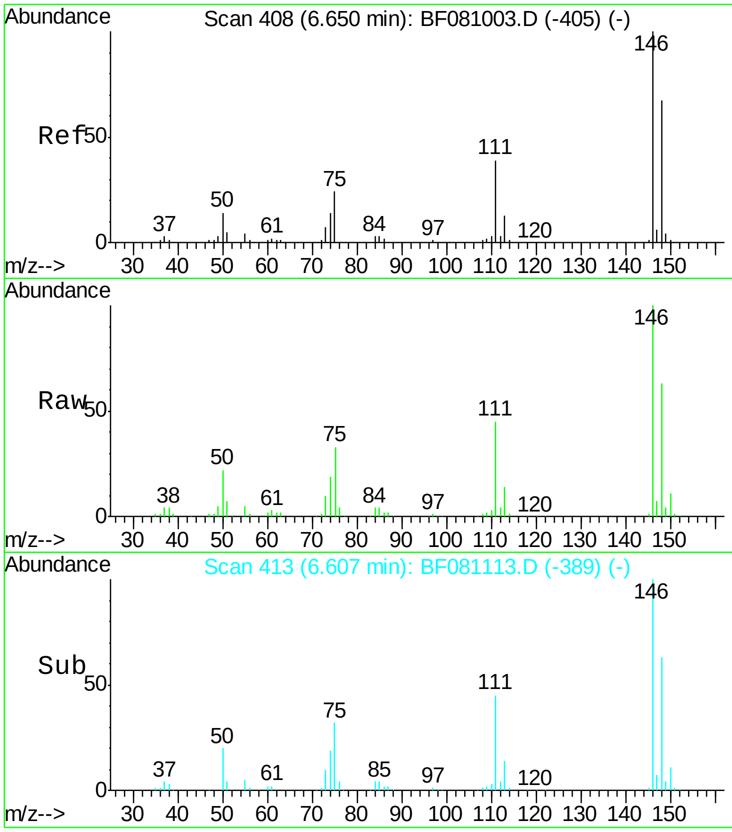


#12
1,3-Dichlorobenzene
Concen: 40.08 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:146 Resp: 190983

Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.3	79.9
75	35.2	25.0	37.6



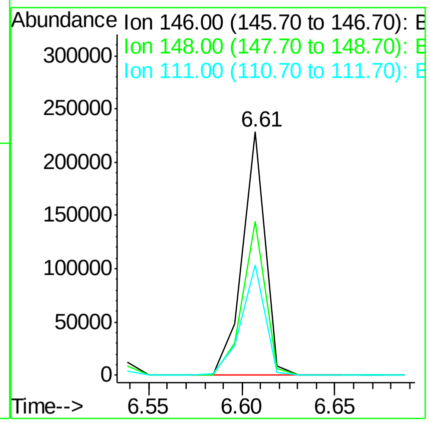


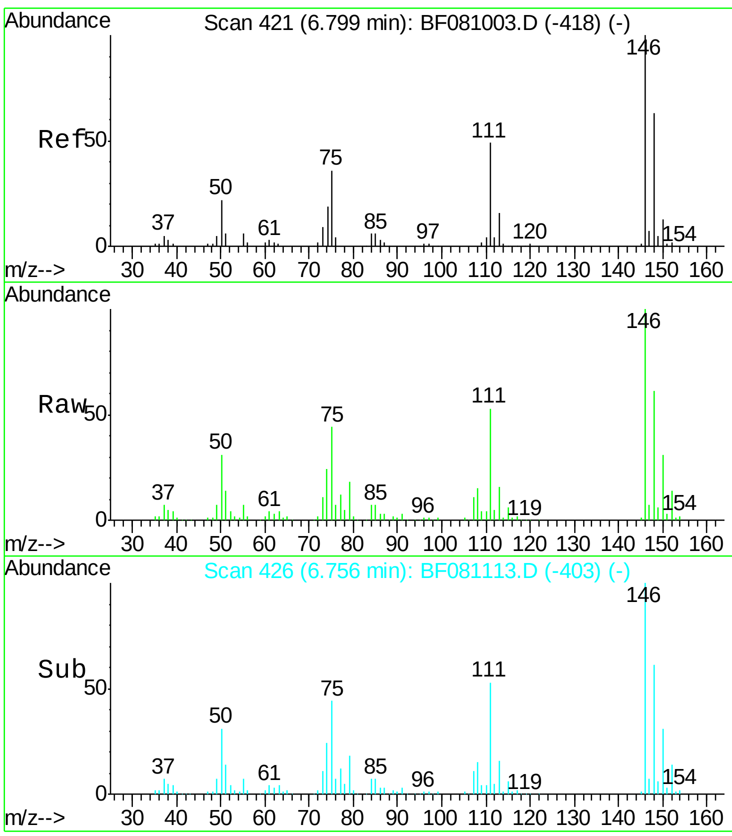
#13
1,4-Dichlorobenzene
Concen: 41.58 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 196199

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	45.3	34.4	51.6

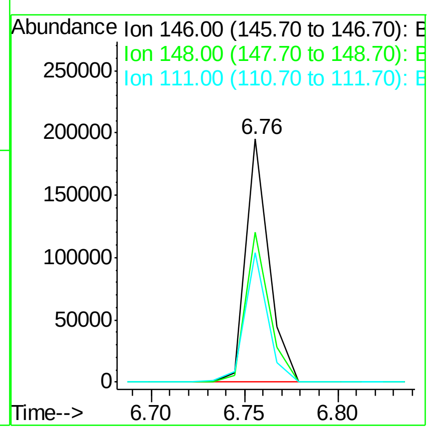


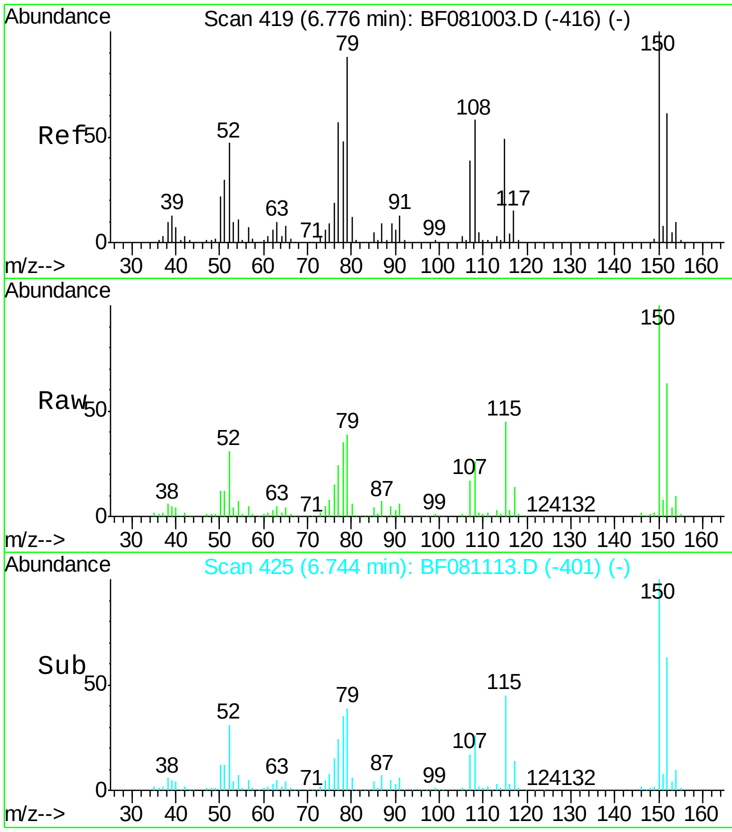


#14
1,2-Dichlorobenzene
Concen: 38.51 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:146 Resp: 170078

Ion	Ratio	Lower	Upper
146	100		
148	61.5	48.7	73.1
111	53.2	42.3	63.5



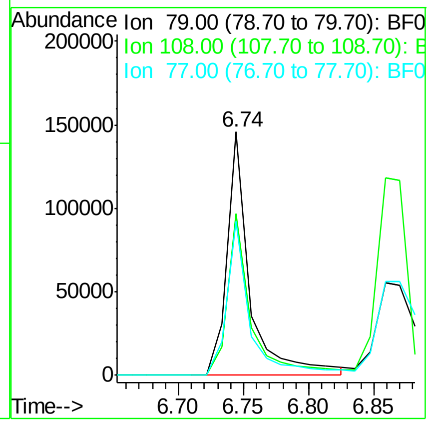


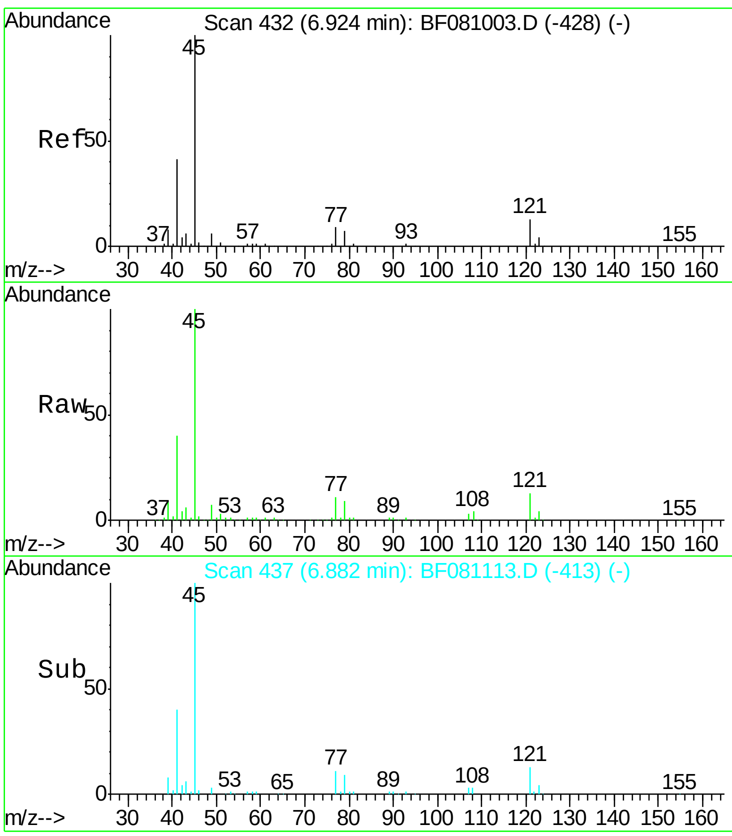
#15
Benzyl Alcohol
Concen: 42.25 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 180708

Ion	Ratio	Lower	Upper
79	100		
108	66.6	49.4	74.2
77	63.4	51.4	77.0

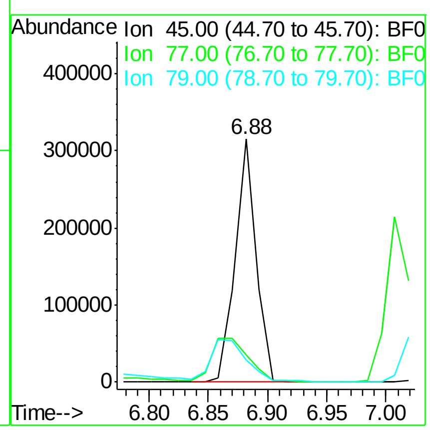


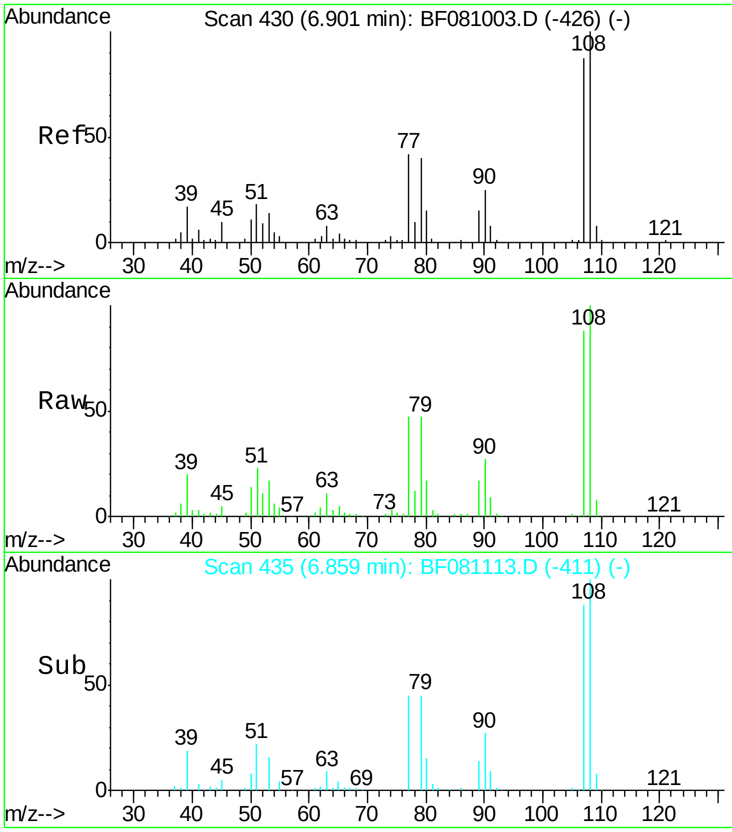


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.90 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion: 45 Resp: 385002

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.2
79	9.3	0.0	28.0



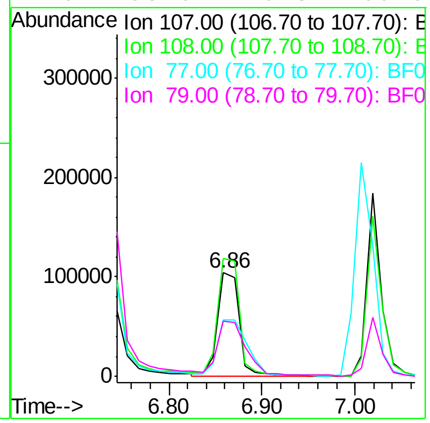


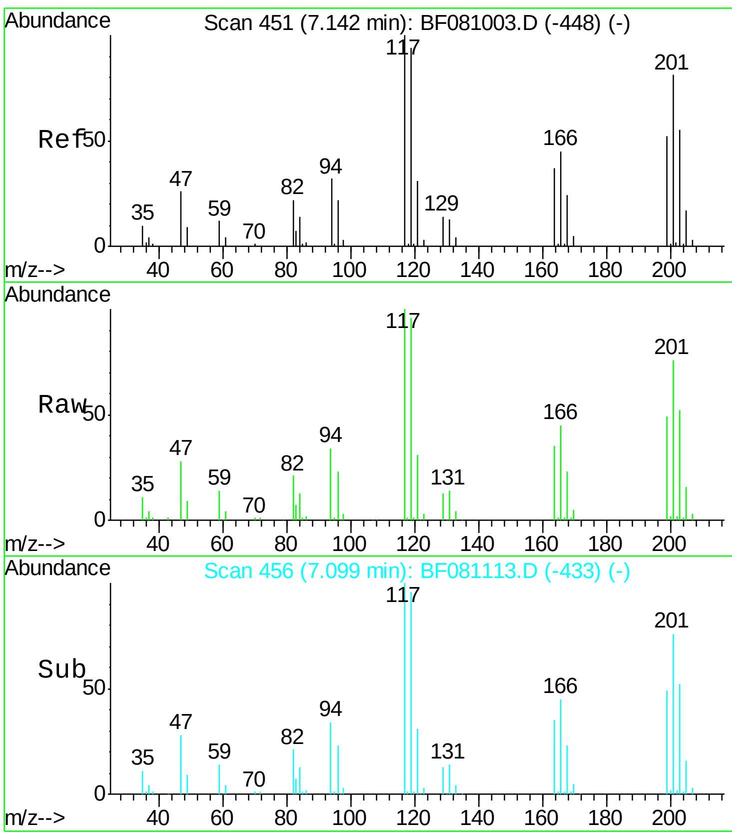
#17
2-Methylphenol
Concen: 44.25 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 168366

Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.4	135.6
77	54.0	46.5	69.7
79	53.6	46.3	69.5

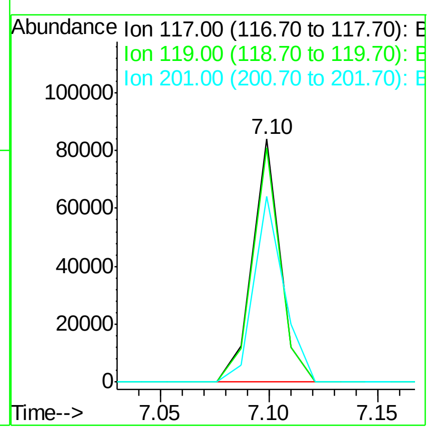


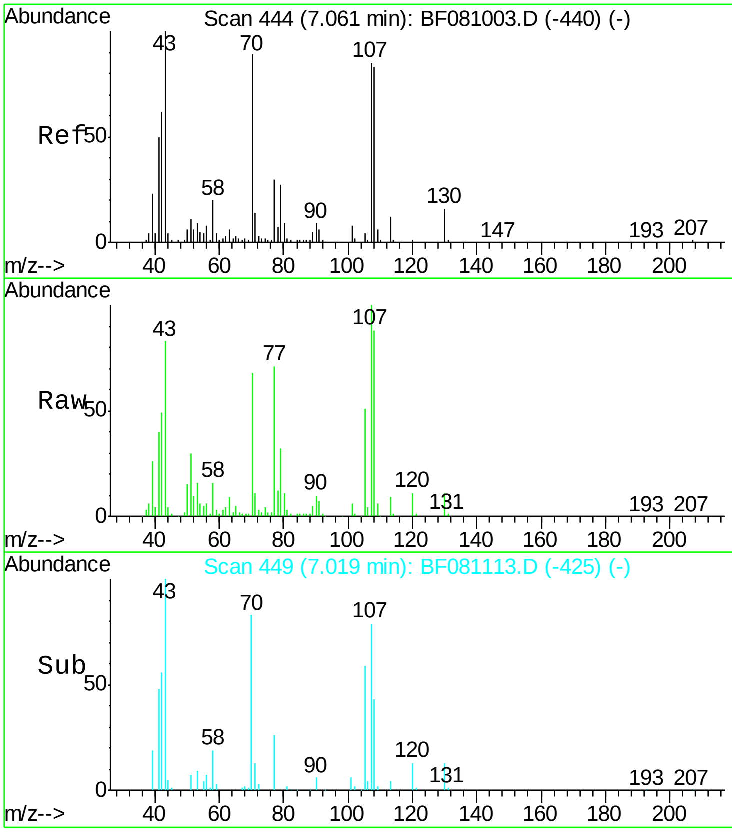


#18
Hexachloroethane
Concen: 39.05 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:117 Resp: 74450

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.9	116.9
201	76.2	61.3	91.9



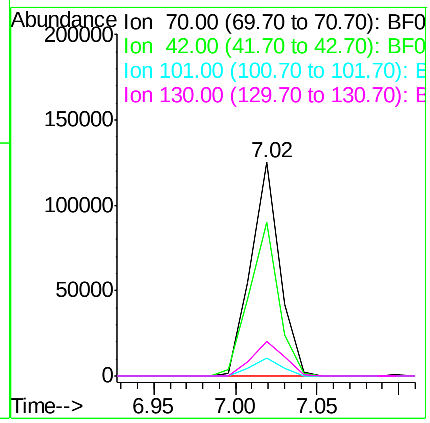


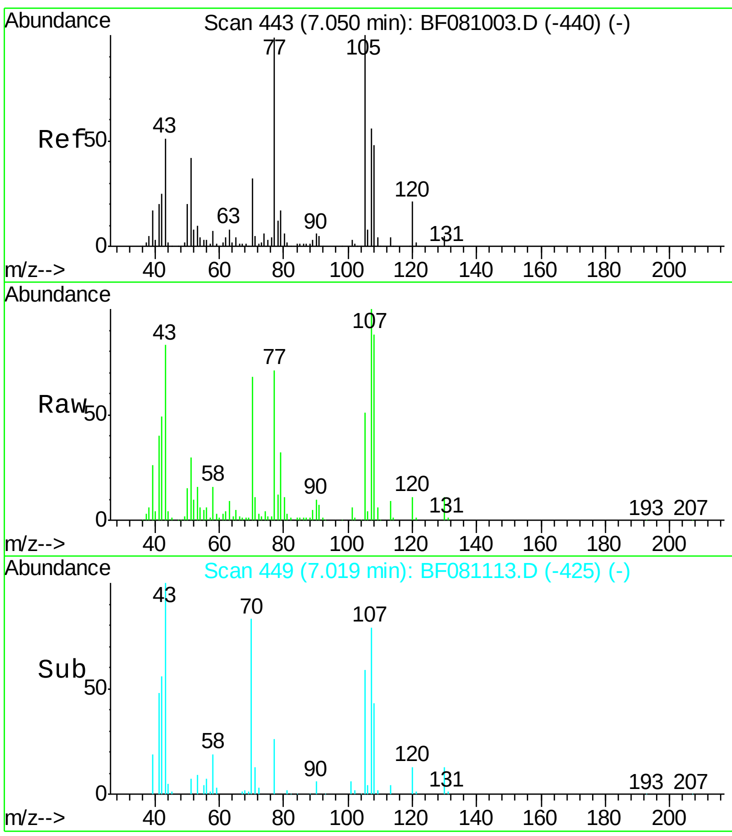
#19
n-Nitroso-di-n-propylamine
Concen: 42.24 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 154659

Ion	Ratio	Lower	Upper
70	100		
42	72.0	65.0	97.4
101	8.4	7.4	11.2
130	16.1	13.0	19.4

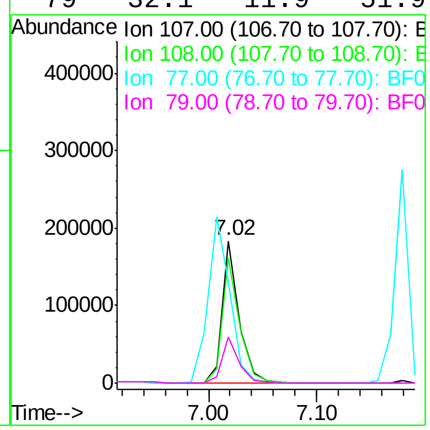


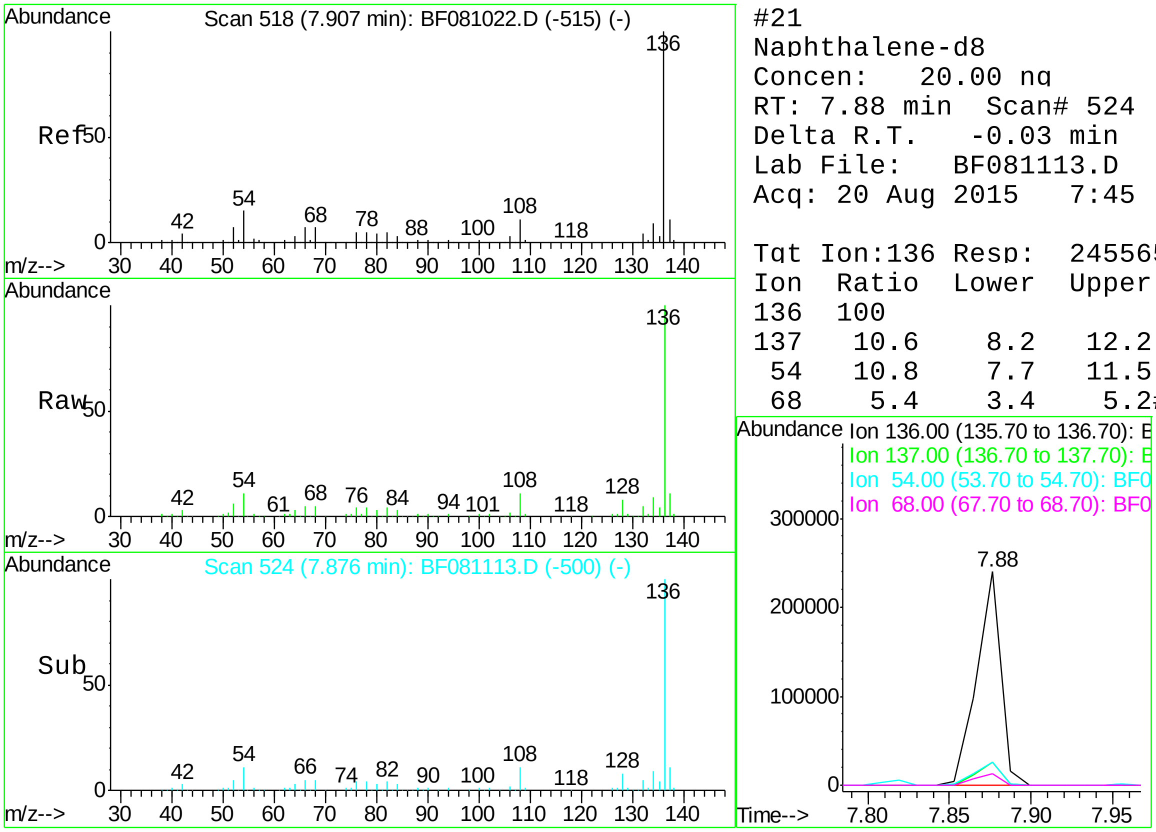


#20
3+4-Methylphenols
Concen: 41.28 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:107 Resp: 199359

Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.1	106.1
77	71.4	139.3	179.3#
79	32.1	11.9	51.9



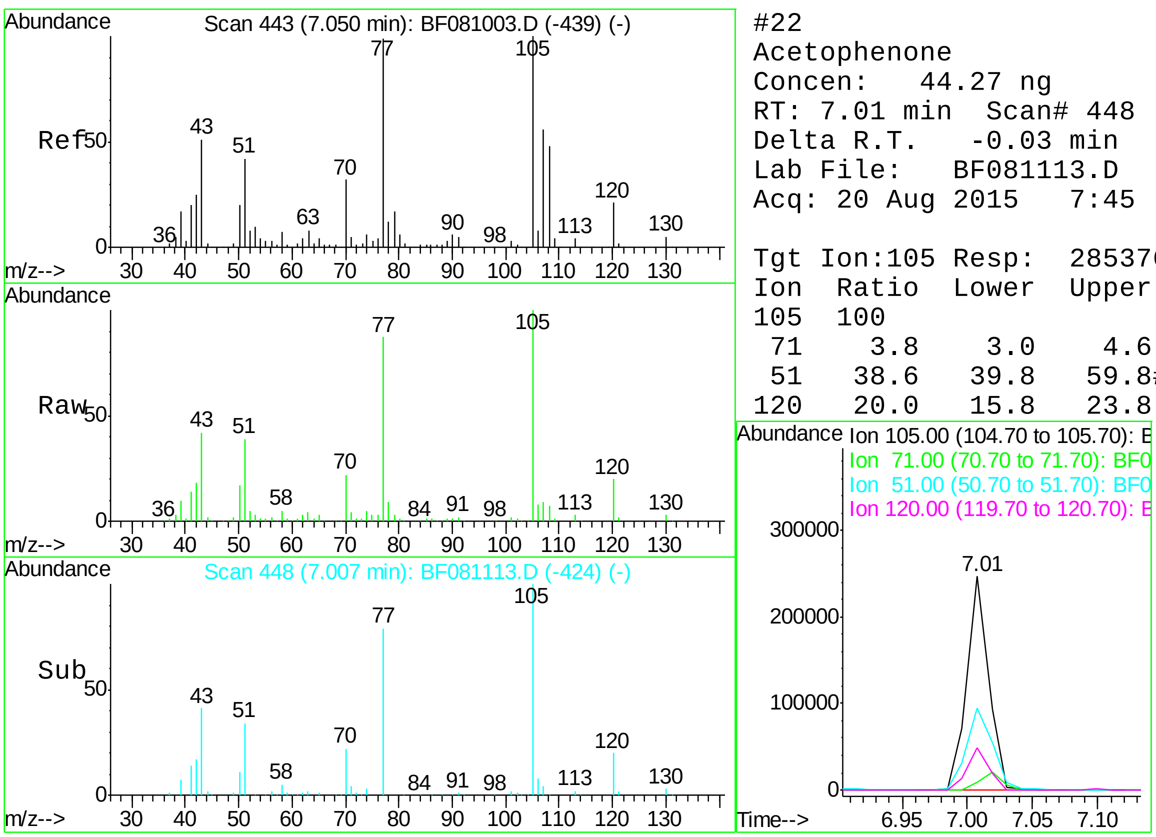


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min   Scan# 524
Delta R.T.   -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 245565

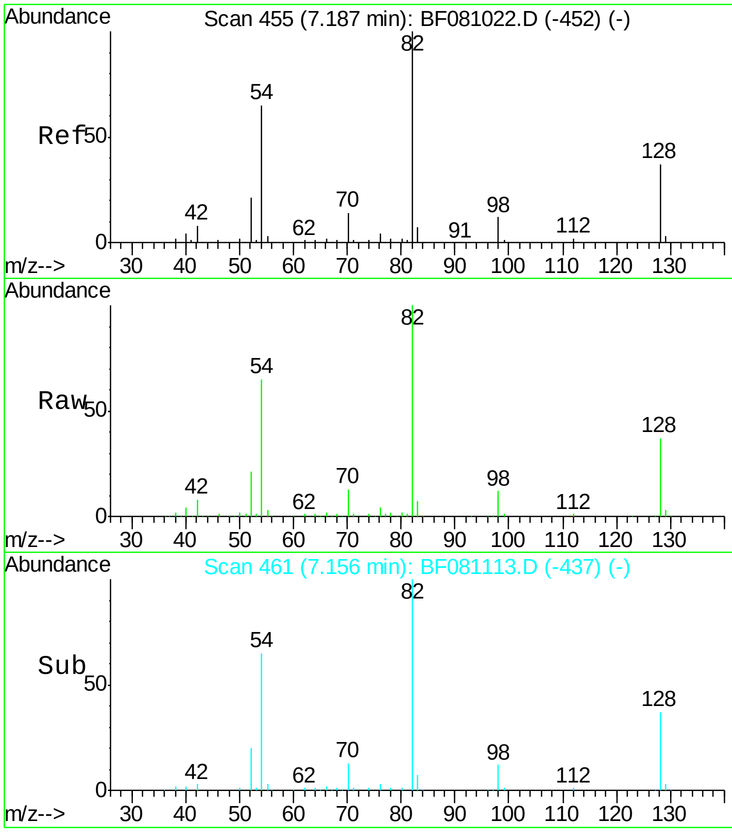
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	10.8	7.7	11.5
68	5.4	3.4	5.2#



#22
Acetophenone
Concen: 44.27 ng
RT: 7.01 min   Scan# 448
Delta R.T.   -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:105 Resp: 285376

Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.0	4.6
51	38.6	39.8	59.8#
120	20.0	15.8	23.8

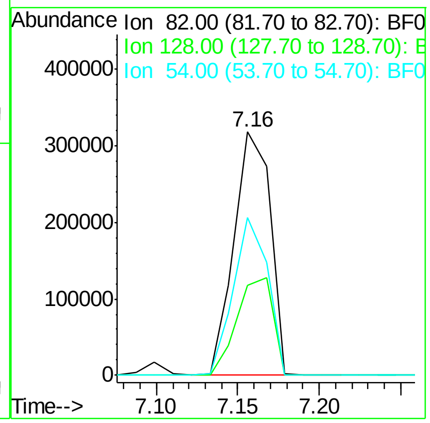


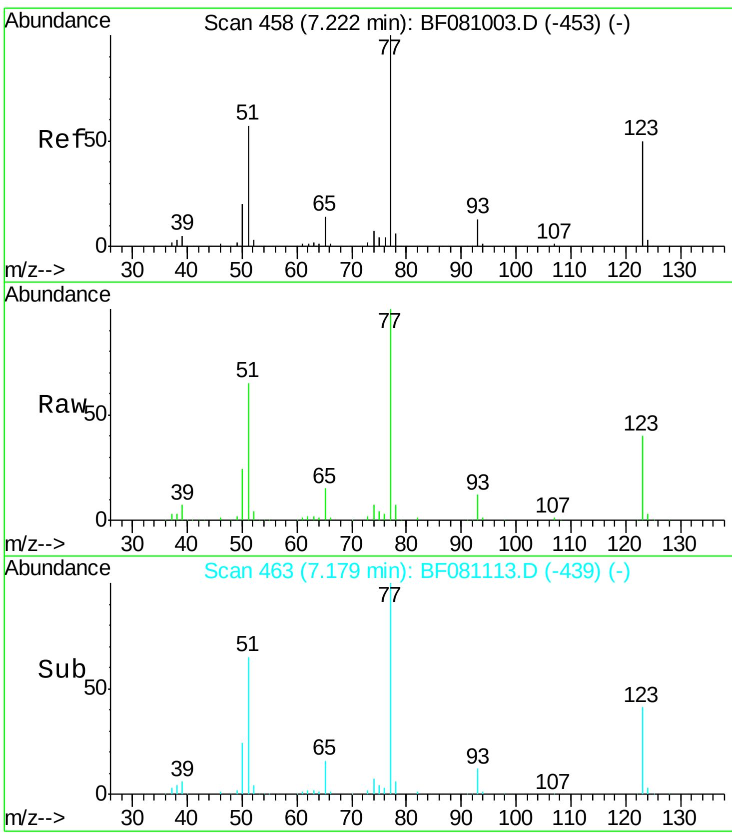
#23
Nitrobenzene-d5
Concen: 91.18 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 490149

Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.6	42.8
54	64.9	55.1	82.7

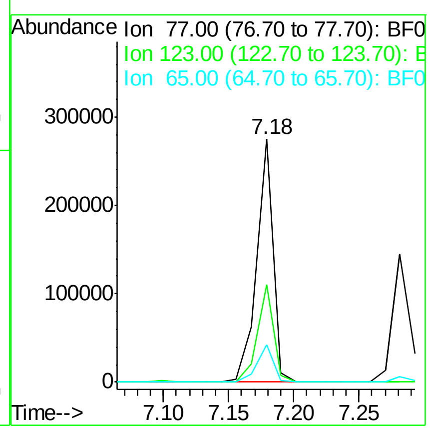


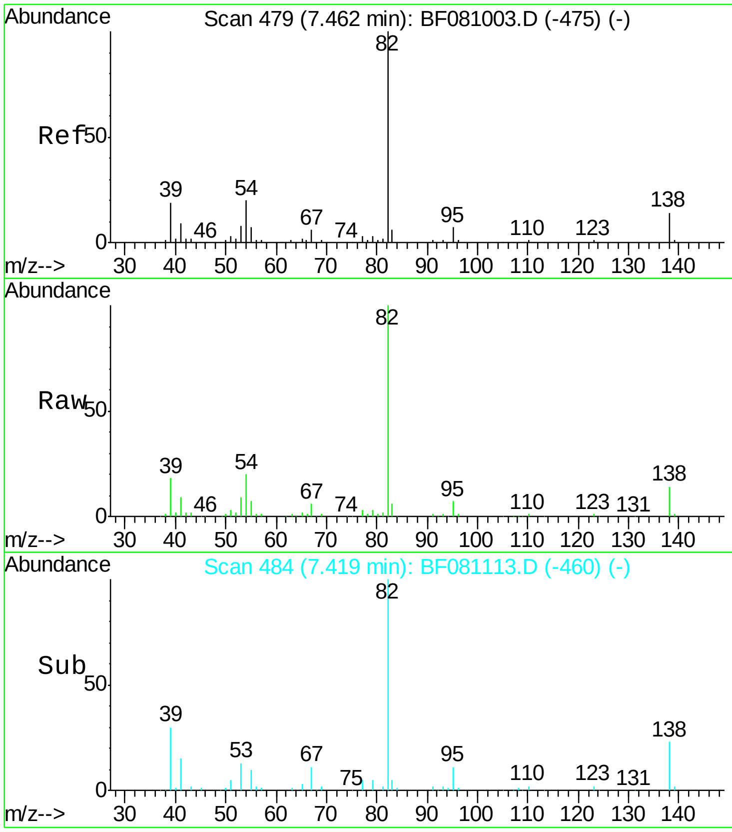


#24
Nitrobenzene
Concen: 43.00 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion: 77 Resp: 241711

Ion	Ratio	Lower	Upper
77	100		
123	40.2	32.9	49.3
65	15.5	12.5	18.7



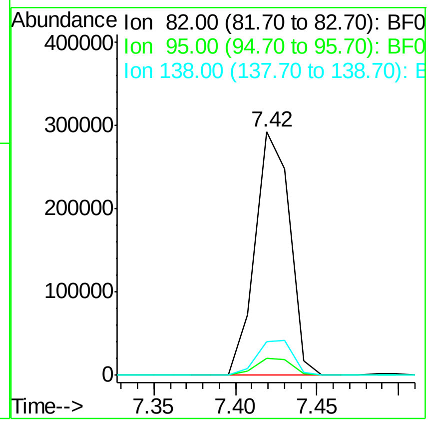


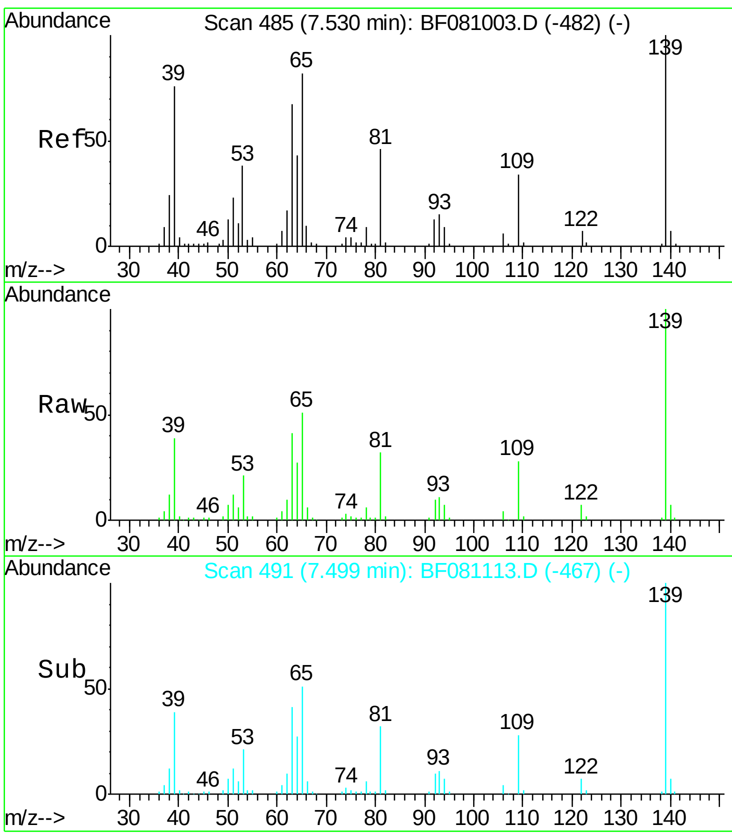
#25
Isophorone
Concen: 43.32 ng
RT: 7.42 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 434227

Ion	Ratio	Lower	Upper
82	100		
95	6.8	6.2	9.2
138	13.9	10.5	15.7

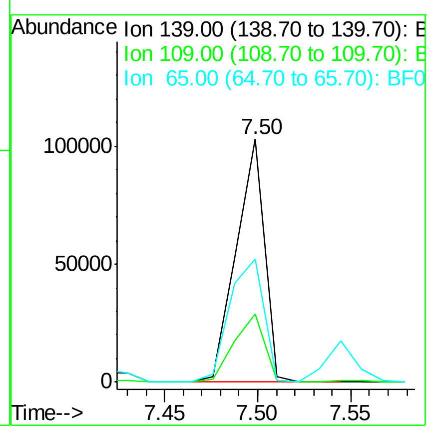


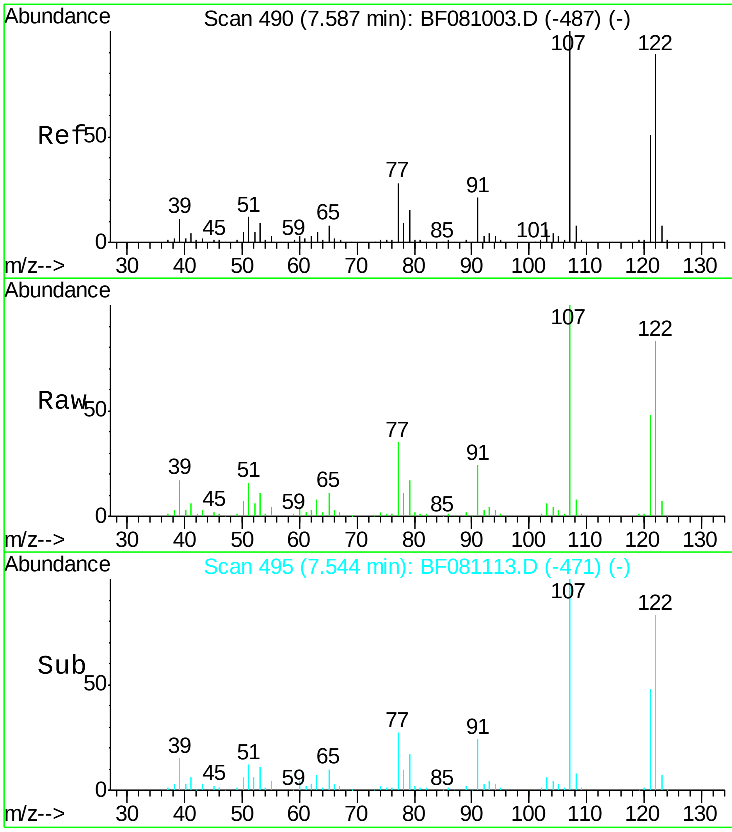


#26
2-Nitrophenol
Concen: 47.15 ng
RT: 7.50 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:139 Resp: 110212

Ion	Ratio	Lower	Upper
139	100		
109	28.2	32.1	48.1#
65	50.6	69.9	104.9#



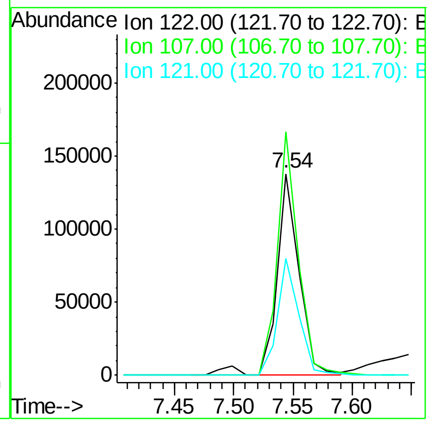


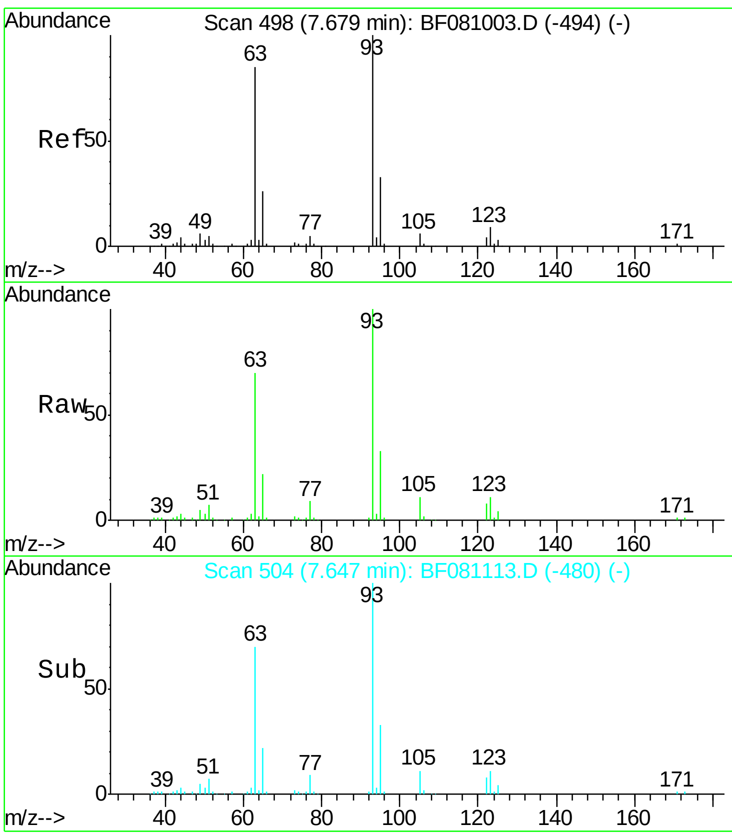
#27
2,4-Dimethylphenol
Concen: 43.71 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 180734

Ion	Ratio	Lower	Upper
122	100		
107	120.7	103.8	155.6
121	58.1	47.0	70.4

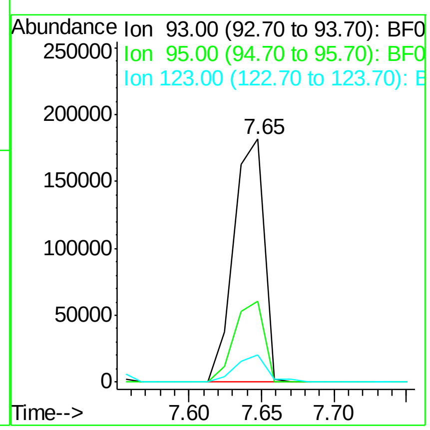


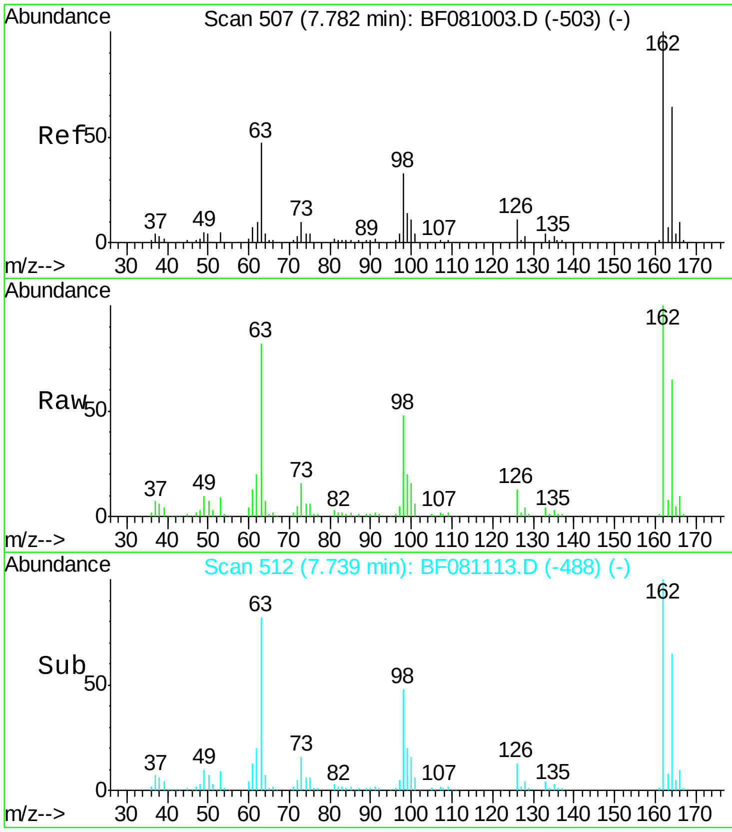


#28
bis(2-Chloroethoxy)methane
Concen: 44.61 ng
RT: 7.65 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion: 93 Resp: 264173

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	11.0	7.4	11.0



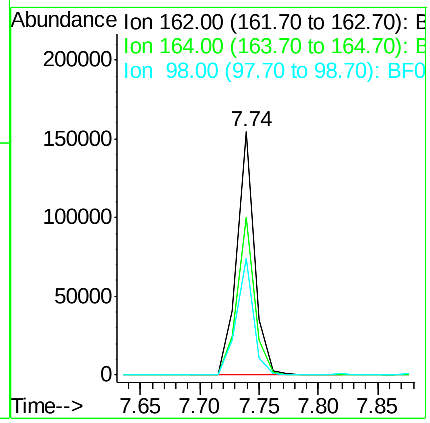


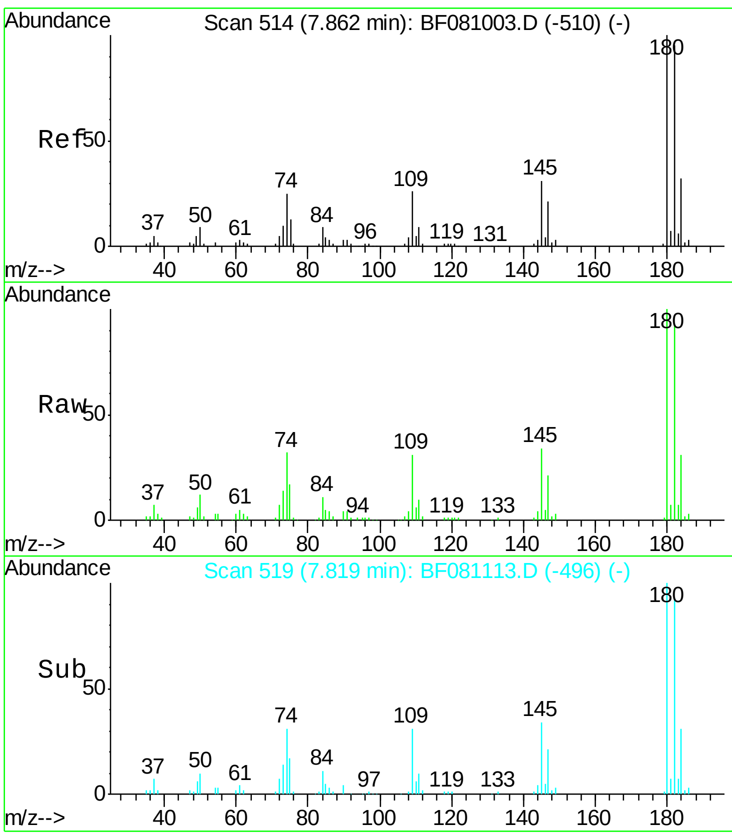
#29
2,4-Dichlorophenol
Concen: 46.51 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 161921

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.2	83.2
98	47.8	12.3	52.3

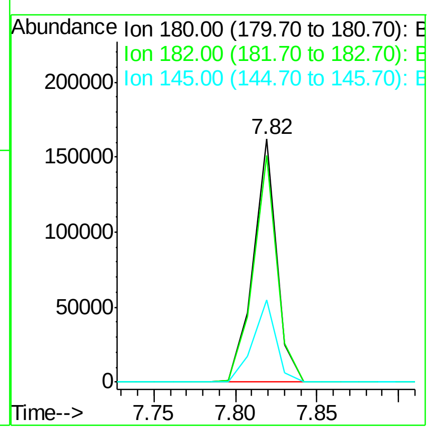


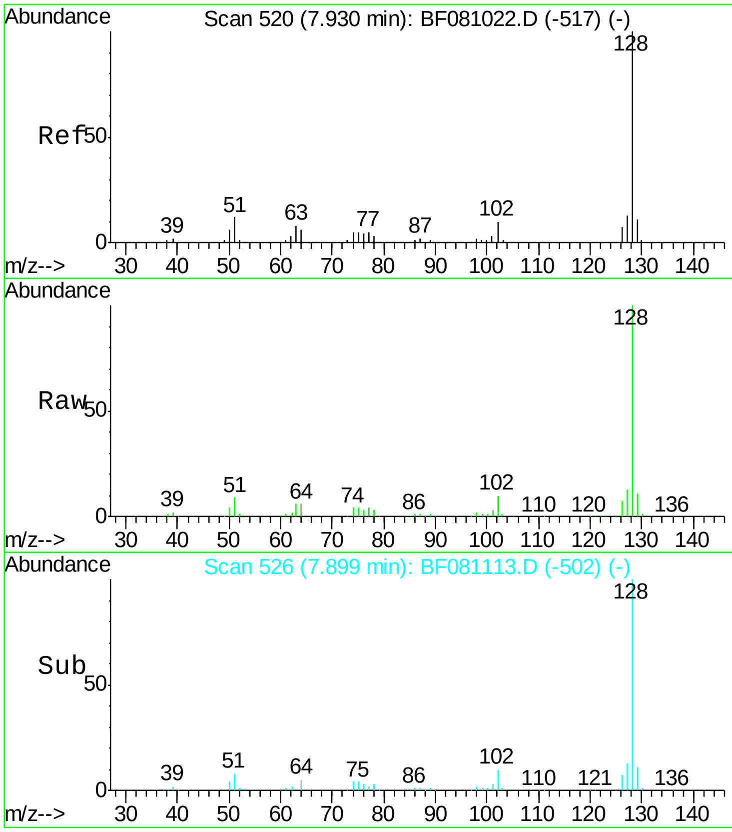


#30
1,2,4-Trichlorobenzene
Concen: 41.60 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:180 Resp: 160963

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.4	114.6
145	34.0	25.4	38.2



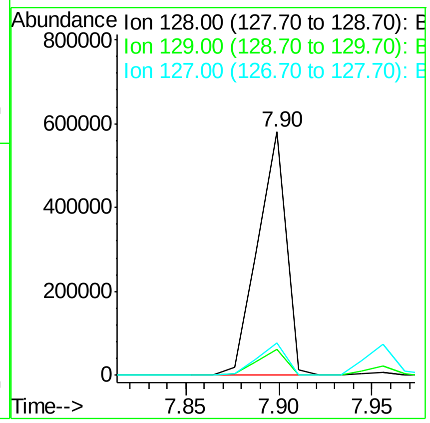


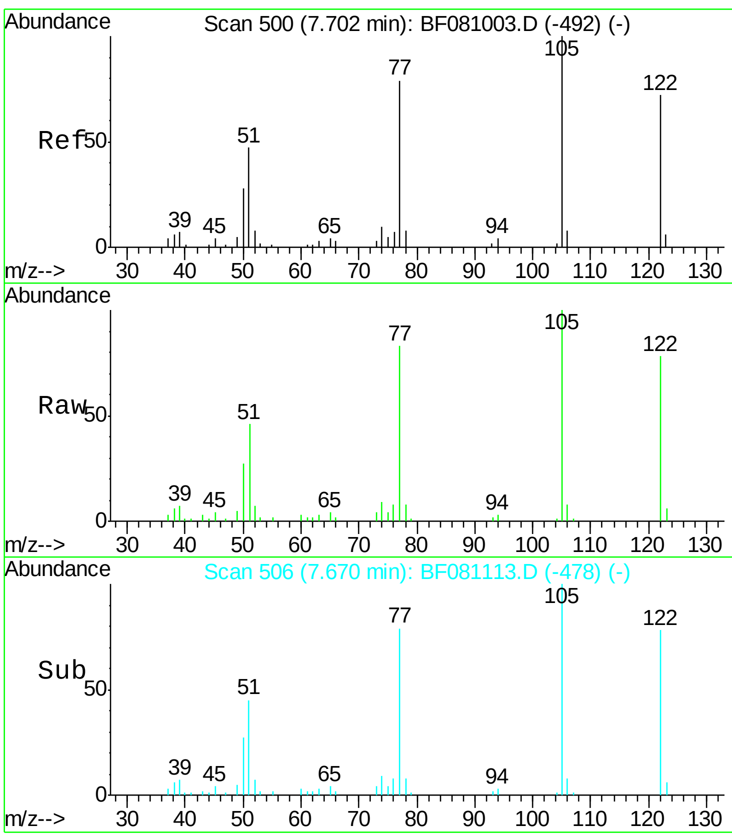
#31
Naphthalene
Concen: 44.80 ng
RT: 7.90 min   Scan# 526
Delta R.T.   -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 613254

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.4	10.6	16.0

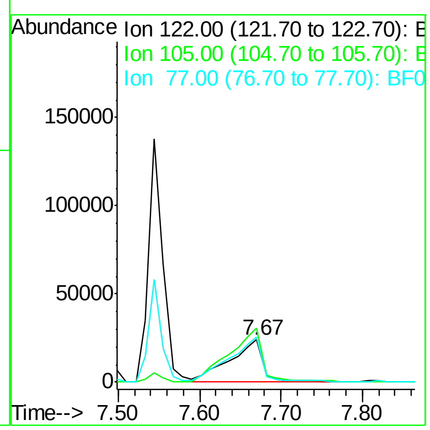


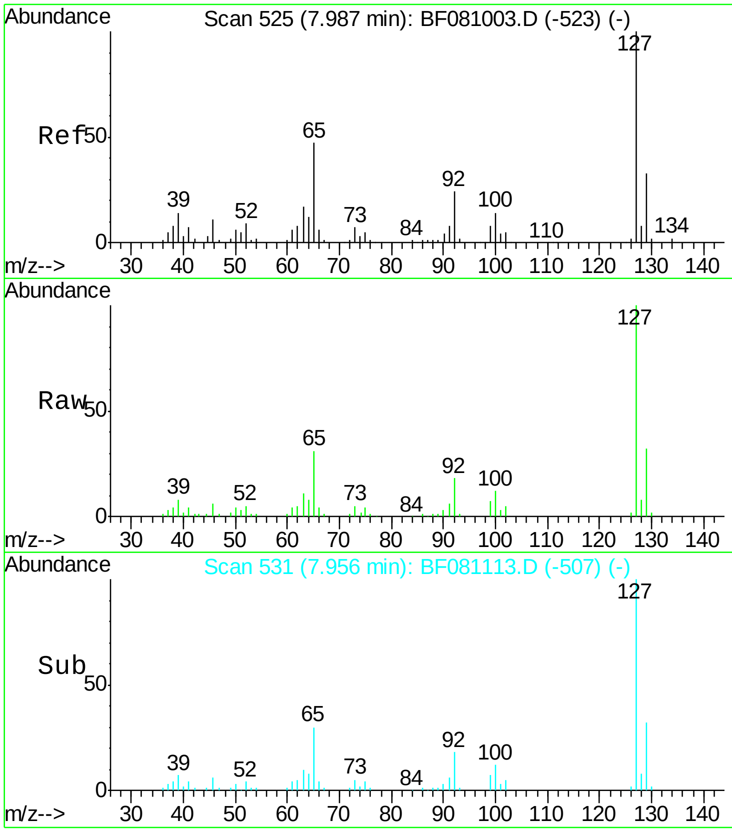


#32
Benzoic acid
Concen: 28.82 ng
RT: 7.67 min   Scan# 506
Delta R.T.   0.01 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:122 Resp: 67045

Ion	Ratio	Lower	Upper
122	100		
105	128.8	113.8	153.8
77	106.3	93.8	133.8



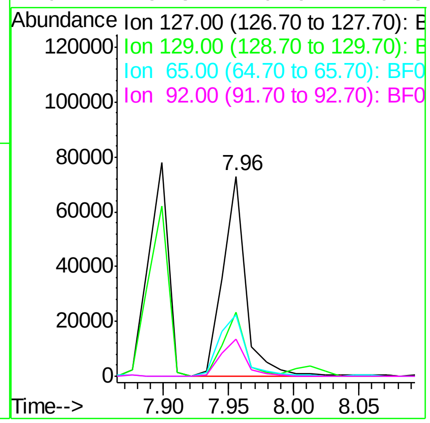


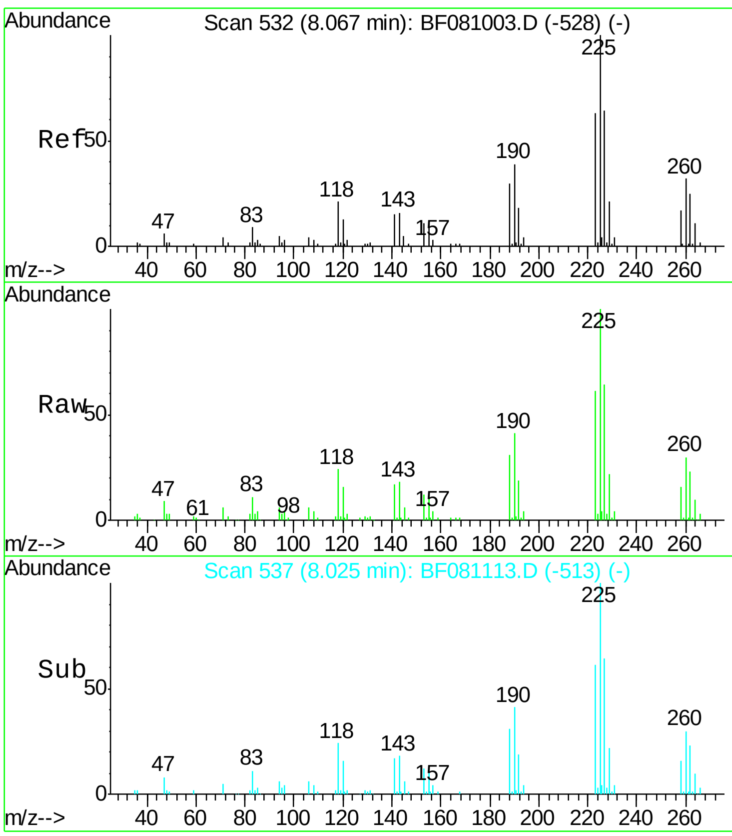
#33
4-Chloroaniline
Concen: 15.60 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 90094

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.2	37.8
65	30.7	37.8	56.6#
92	18.3	19.5	29.3#

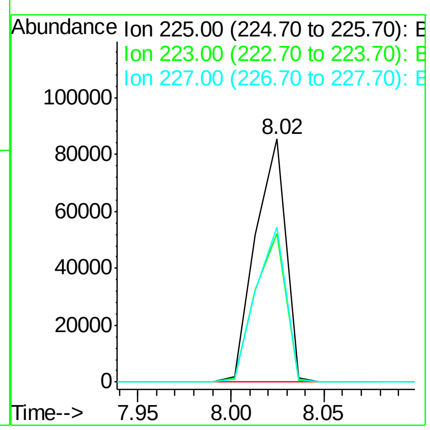


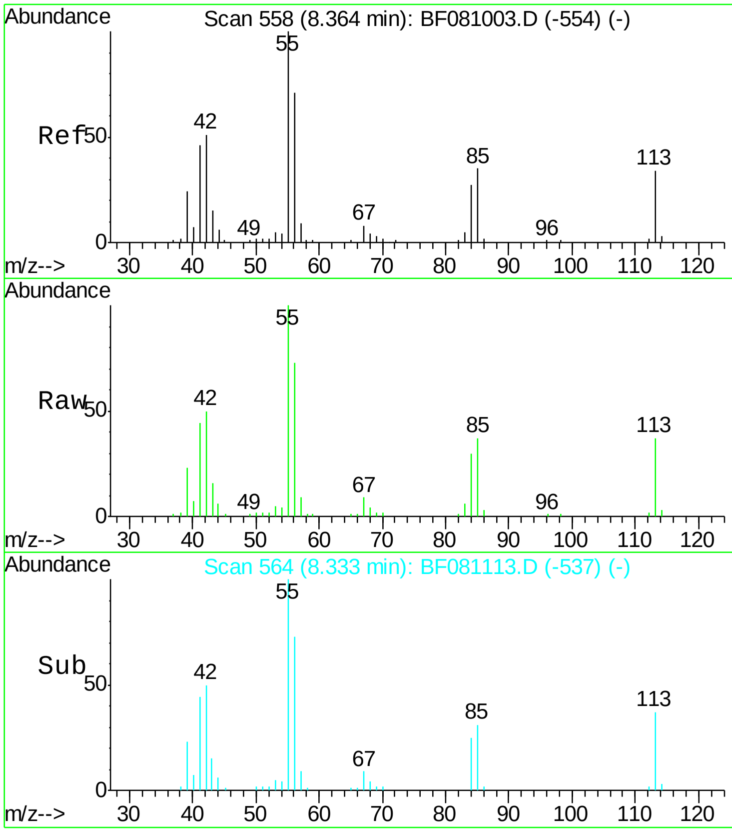


#34
Hexachlorobutadiene
Concen: 44.04 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:225 Resp: 96366

Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.6	79.0
227	64.0	51.1	76.7



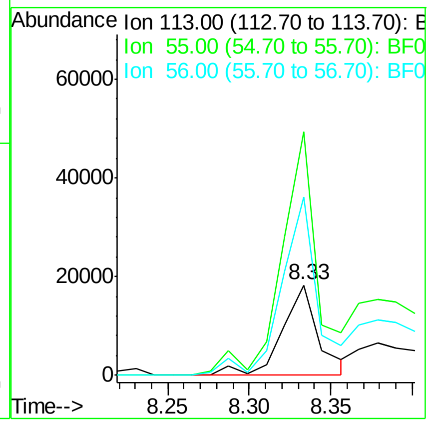


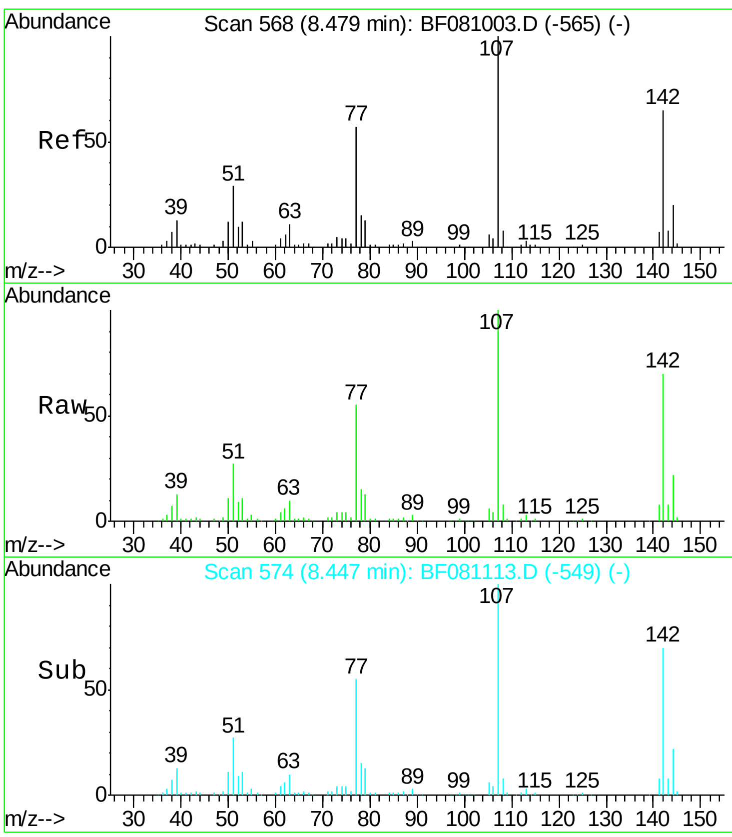
#35
Caprolactam
Concen: 23.12 ng
RT: 8.33 min   Scan# 564
Delta R.T.   0.00 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 28126

Ion	Ratio	Lower	Upper
113	100		
55	269.7	280.4	320.4#
56	197.6	205.9	245.9#

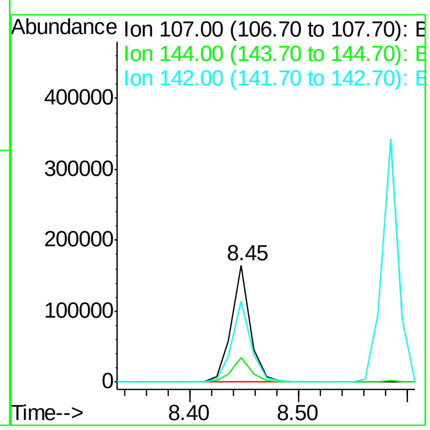


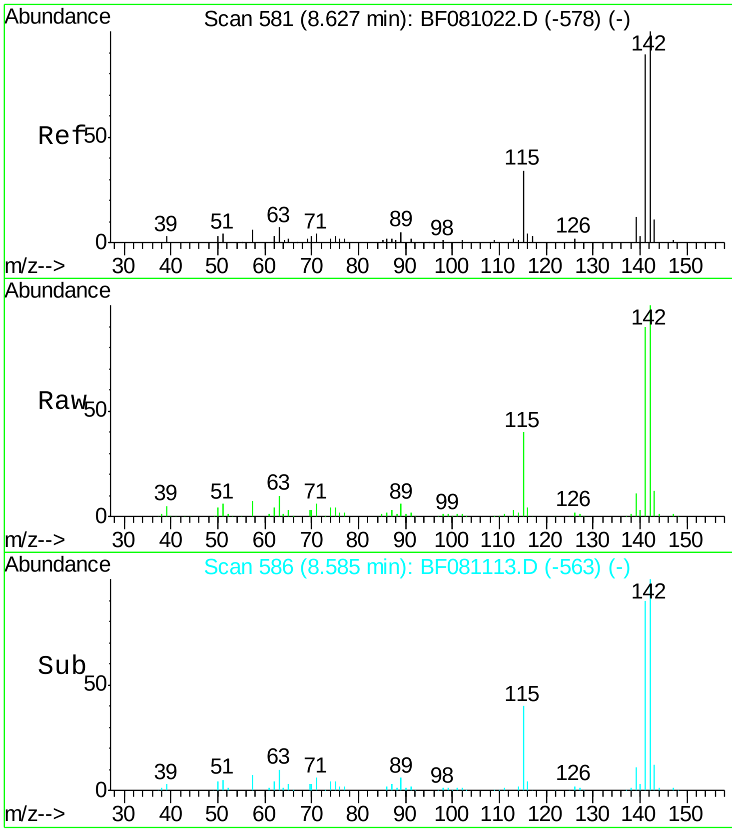


#36
4-Chloro-3-methylphenol
Concen: 47.67 ng
RT: 8.45 min   Scan# 574
Delta R.T.   -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:107 Resp: 197787

Ion	Ratio	Lower	Upper
107	100		
144	21.7	17.2	25.8
142	70.0	54.9	82.3



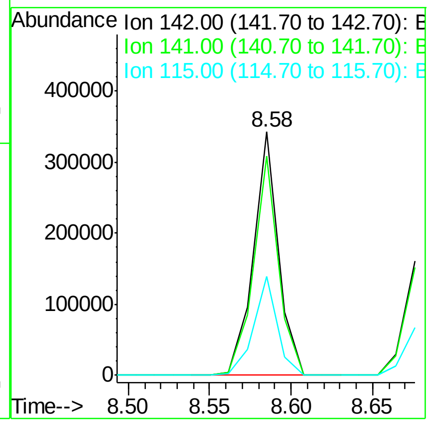


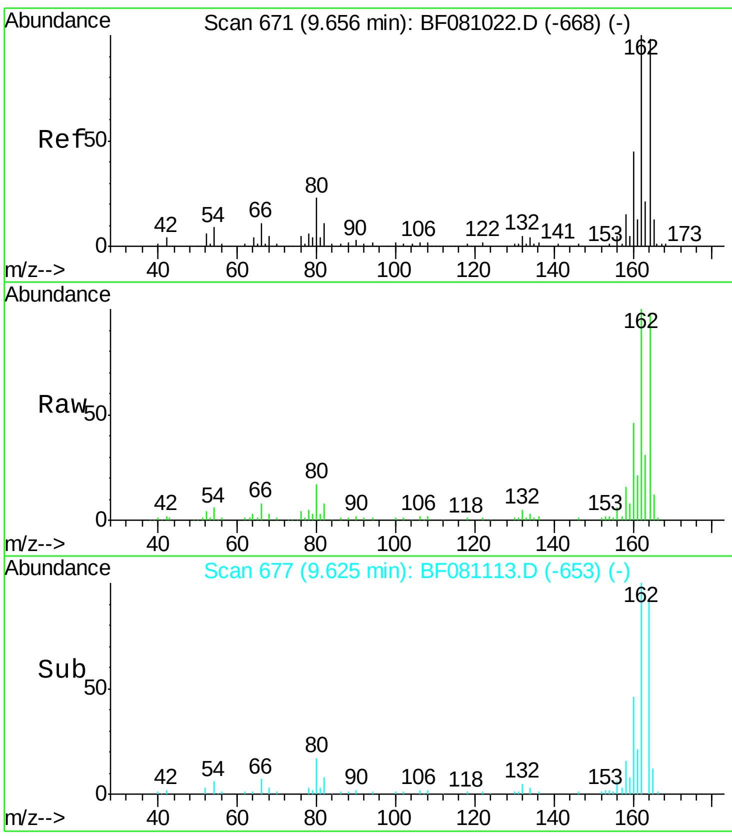
#37
2-Methylnaphthalene
Concen: 42.22 ng
RT: 8.58 min Scan# 586
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 365081

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	40.4	33.4	50.0

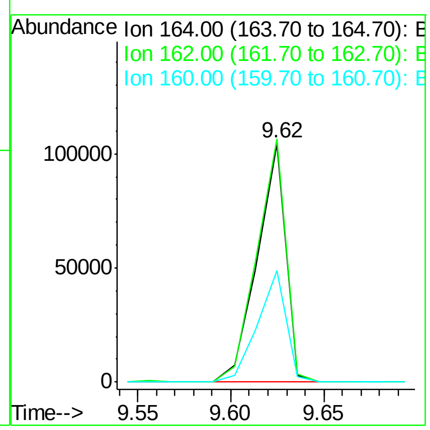


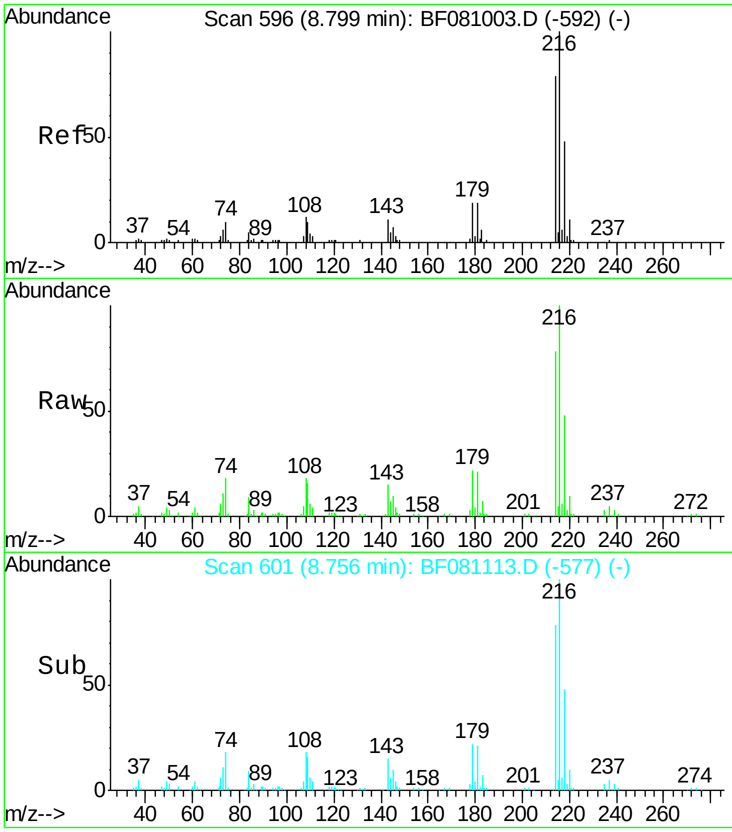


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:164 Resp: 112205

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.8	125.8
160	46.9	39.8	59.8



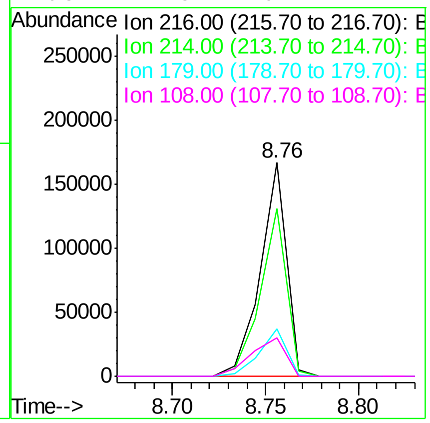


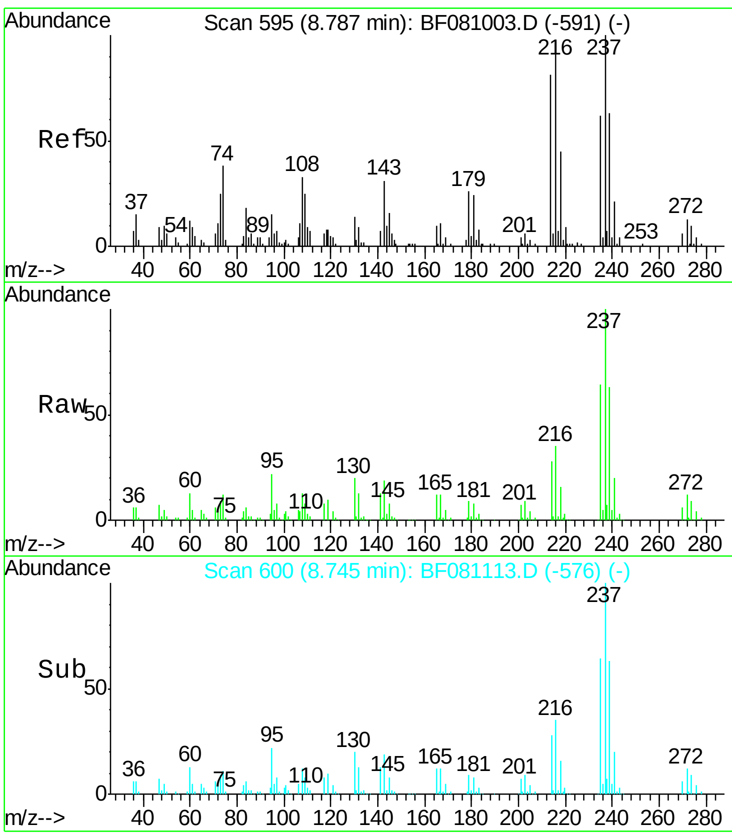
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.57 ng
RT: 8.76 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument : BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 161351

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	23.1	17.8	26.8
108	24.5	16.2	24.2#

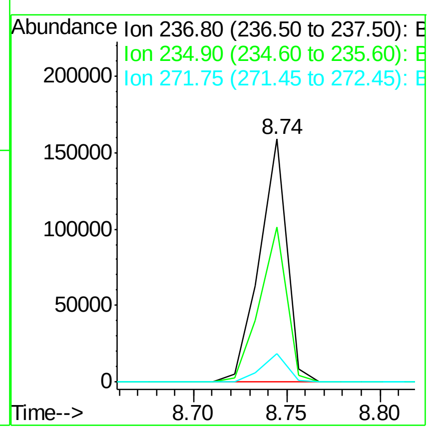


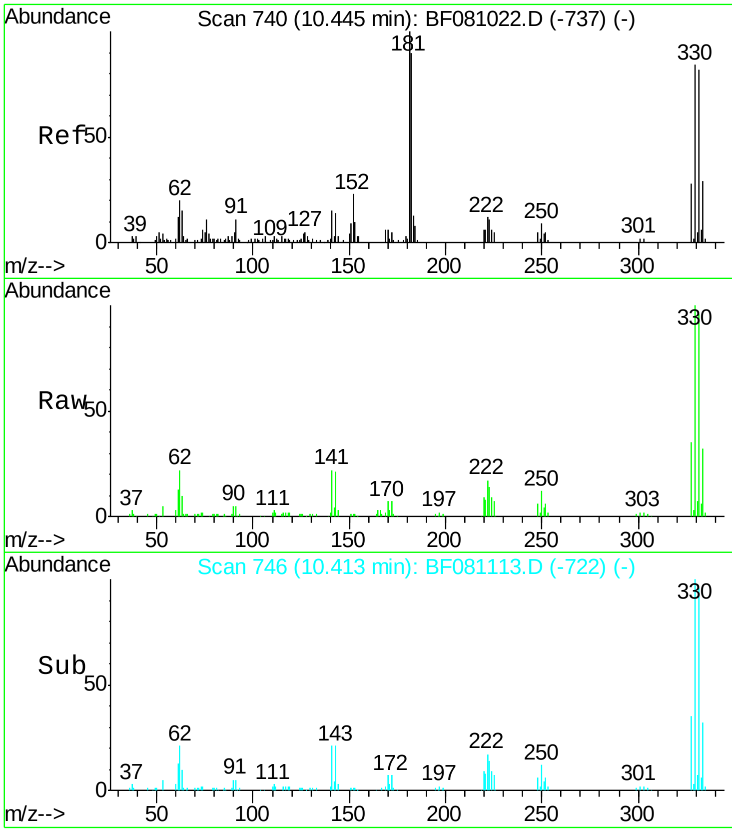


#40
Hexachlorocyclopentadiene
Concen: 86.03 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:237 Resp: 161199

Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.6	83.6
272	11.6	0.0	32.2



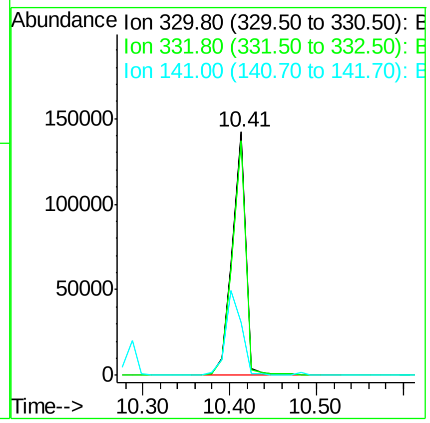


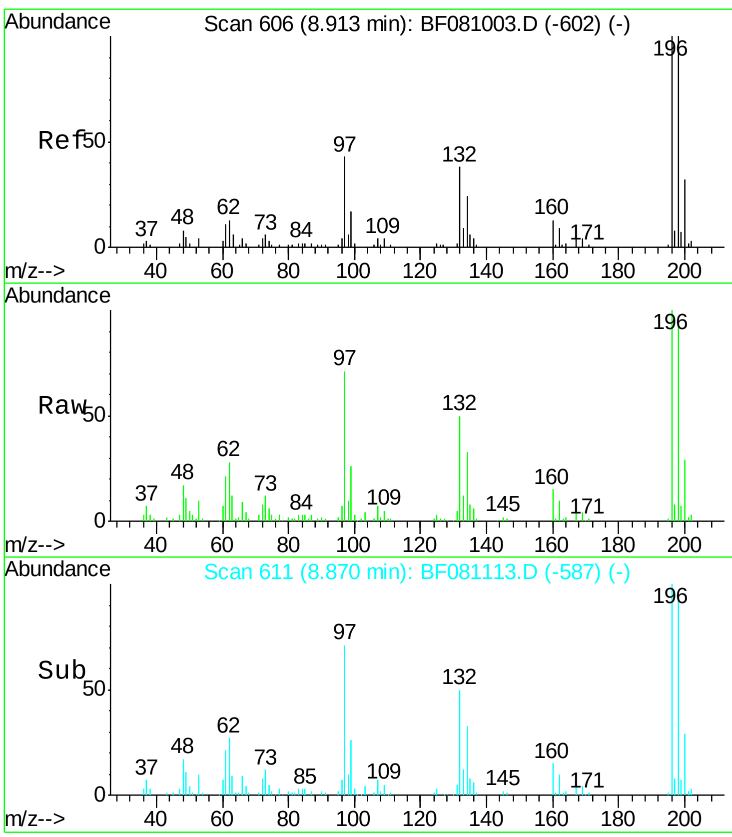
#41
2,4,6-Tribromophenol
Concen: 159.98 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 155607

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	41.8	44.9	67.3#

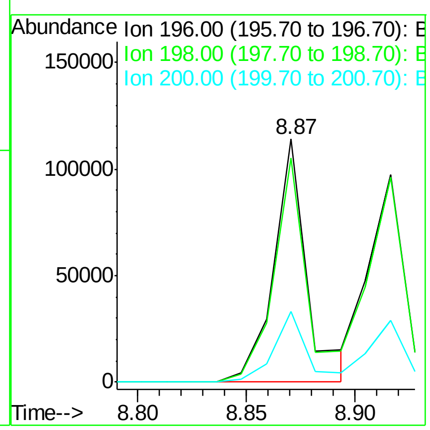


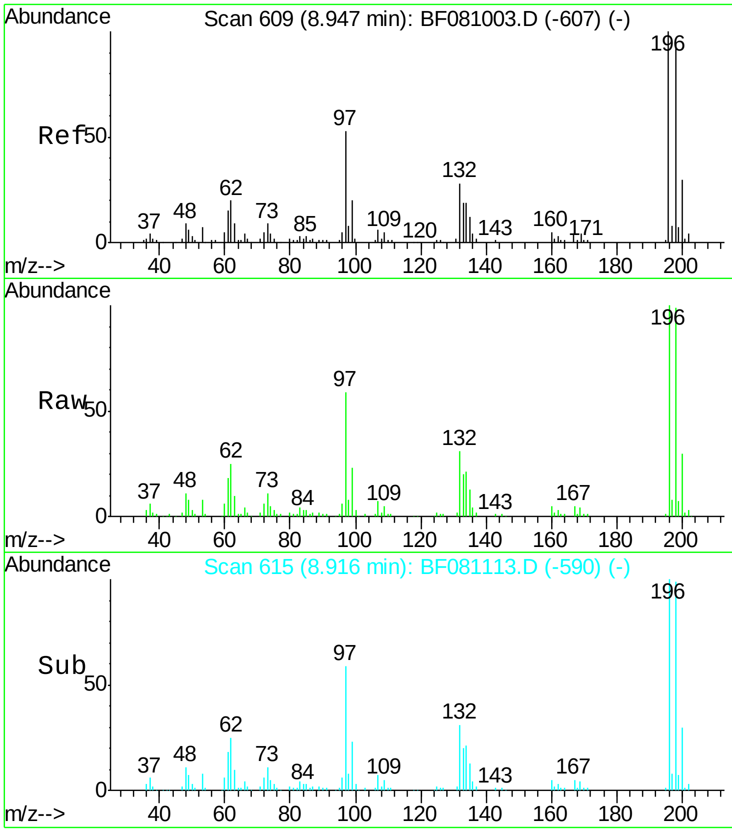


#42
2,4,6-Trichlorophenol
Concen: 47.75 ng
RT: 8.87 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:196 Resp: 122113

Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.6	111.8
200	29.0	22.7	34.1



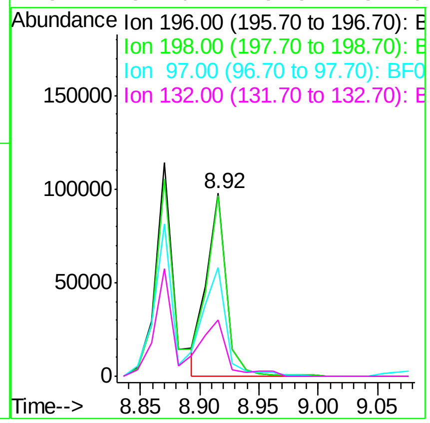


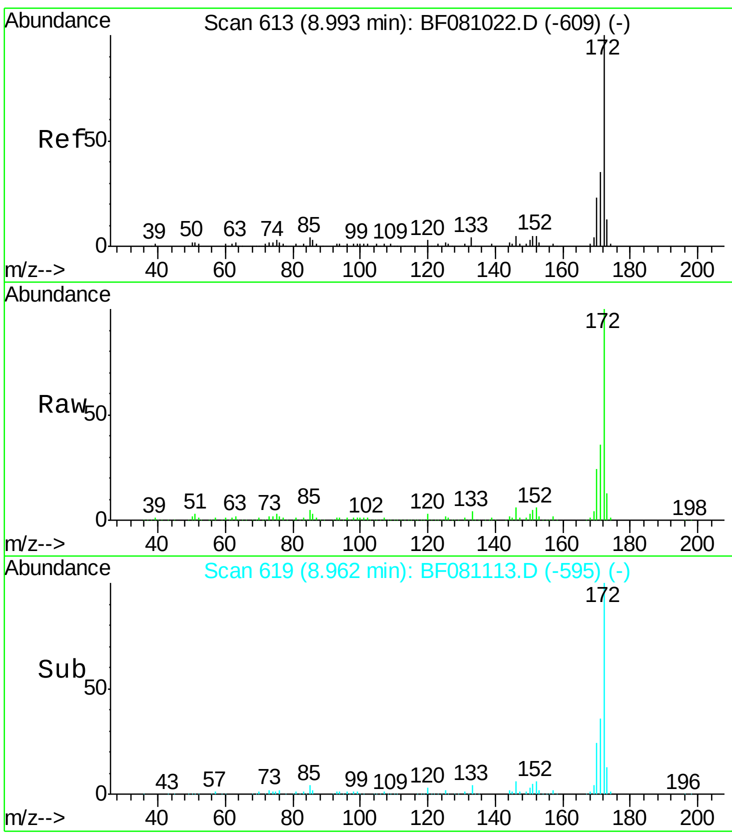
#43
2,4,5-Trichlorophenol
Concen: 44.93 ng
RT: 8.92 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument : BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 114849

Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.3	117.5
97	59.4	42.7	64.1
132	31.0	23.3	34.9

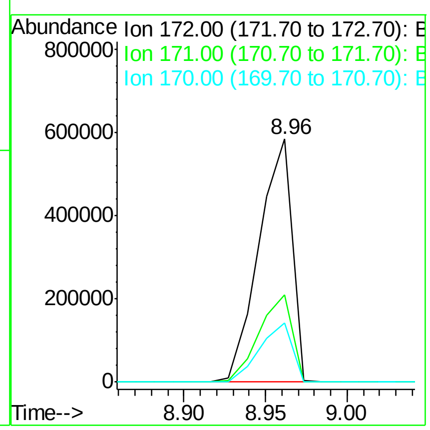


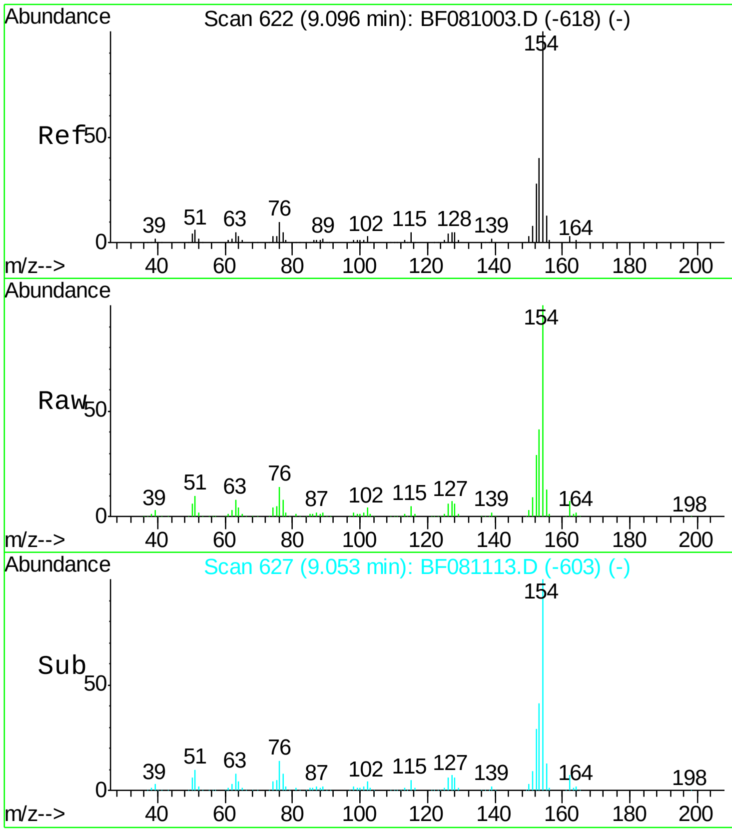


#44
2-Fluorobiphenyl
Concen: 96.53 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:172 Resp: 826675

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



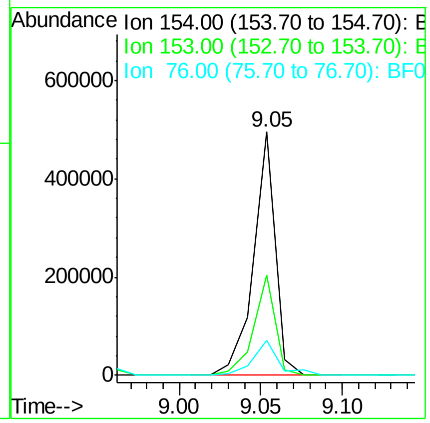


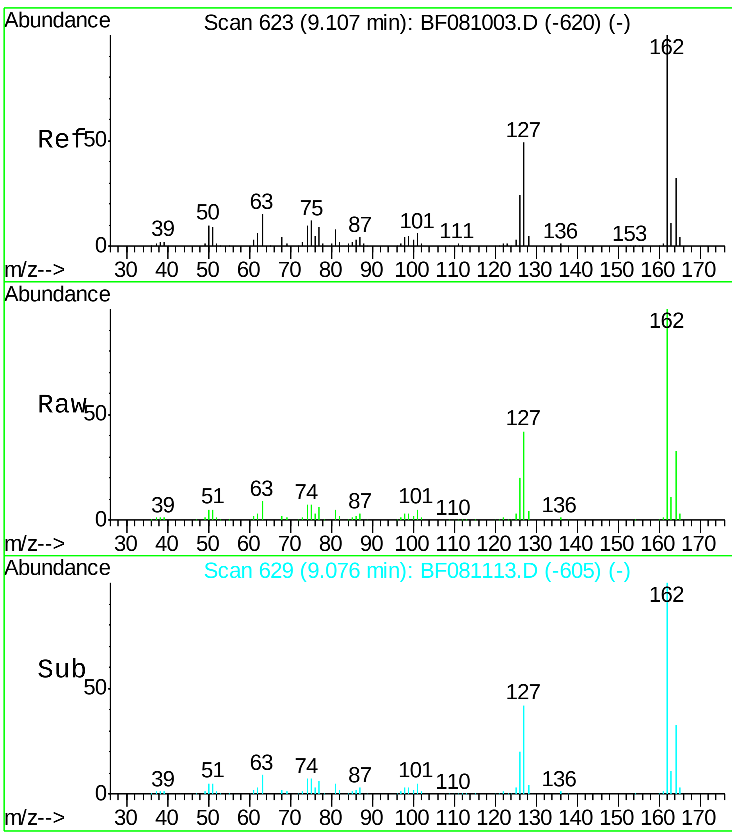
#45
1,1'-Biphenyl
Concen: 46.33 ng
RT: 9.05 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 457859

Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.5	59.5
76	14.3	0.0	29.3

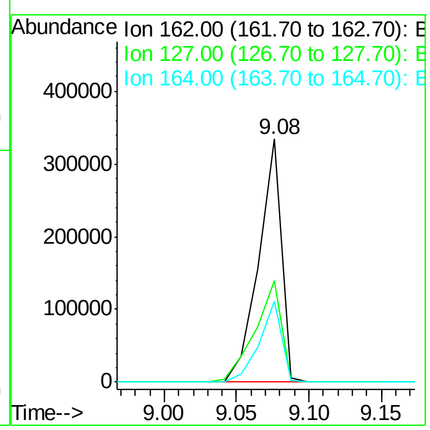


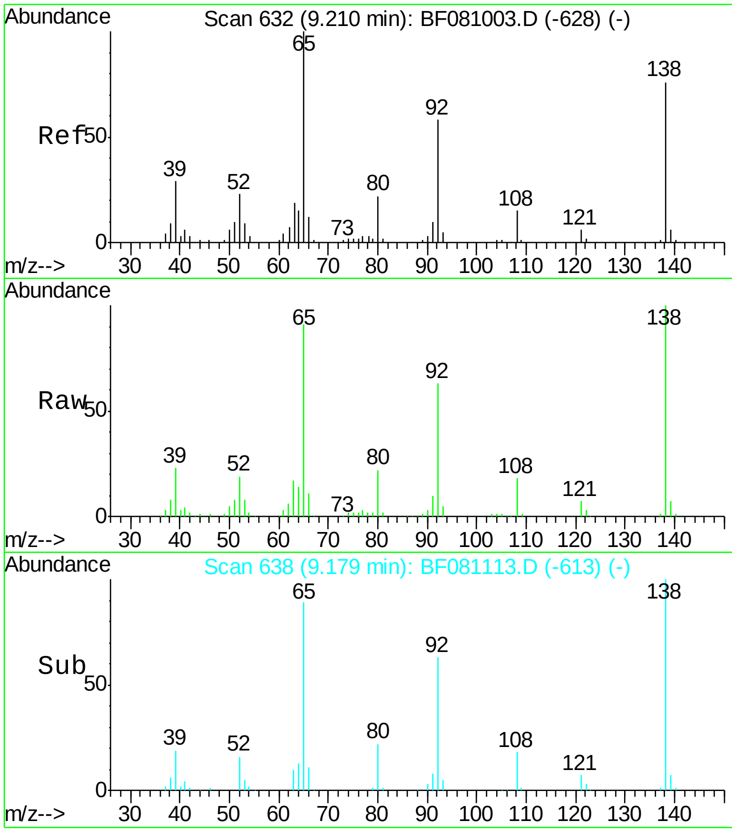


#46
2-Chloronaphthalene
Concen: 46.12 ng
RT: 9.08 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:162 Resp: 366196

Ion	Ratio	Lower	Upper
162	100		
127	41.9	31.3	46.9
164	33.3	26.3	39.5



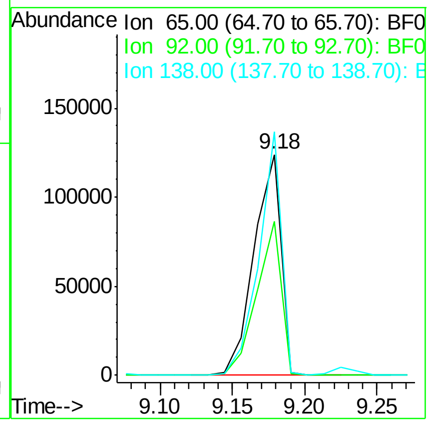


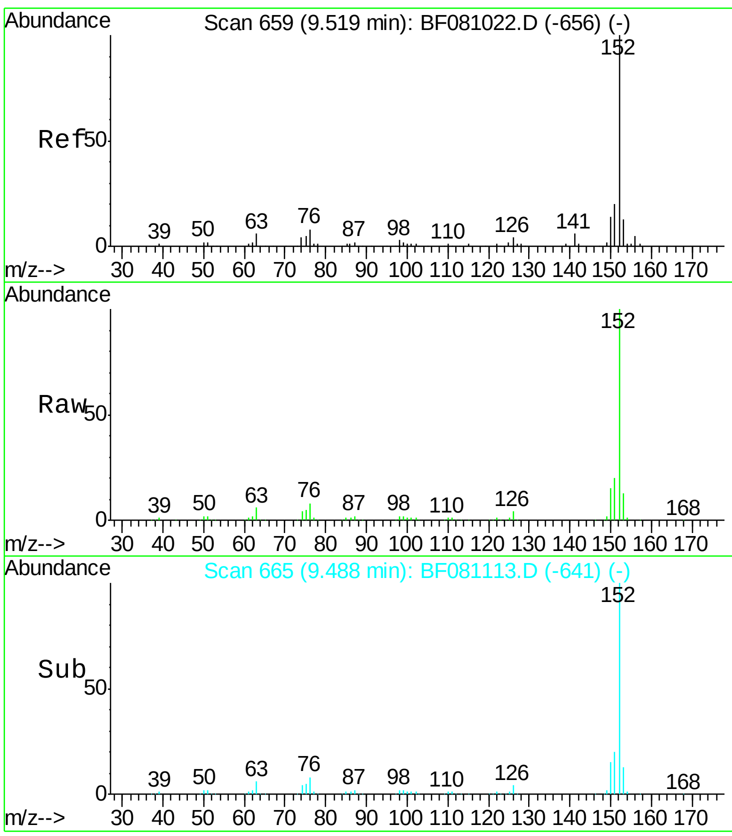
#47
2-Nitroaniline
Concen: 49.22 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 159918

Ion	Ratio	Lower	Upper
65	100		
92	70.1	45.6	68.4#
138	110.3	57.9	86.9#

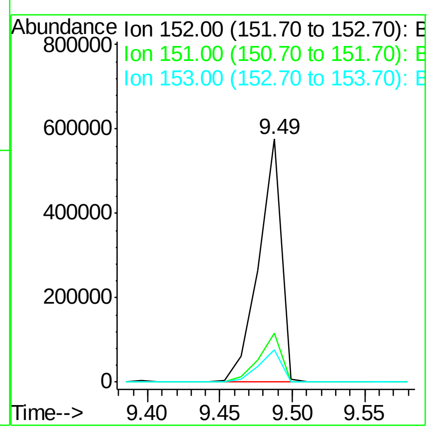


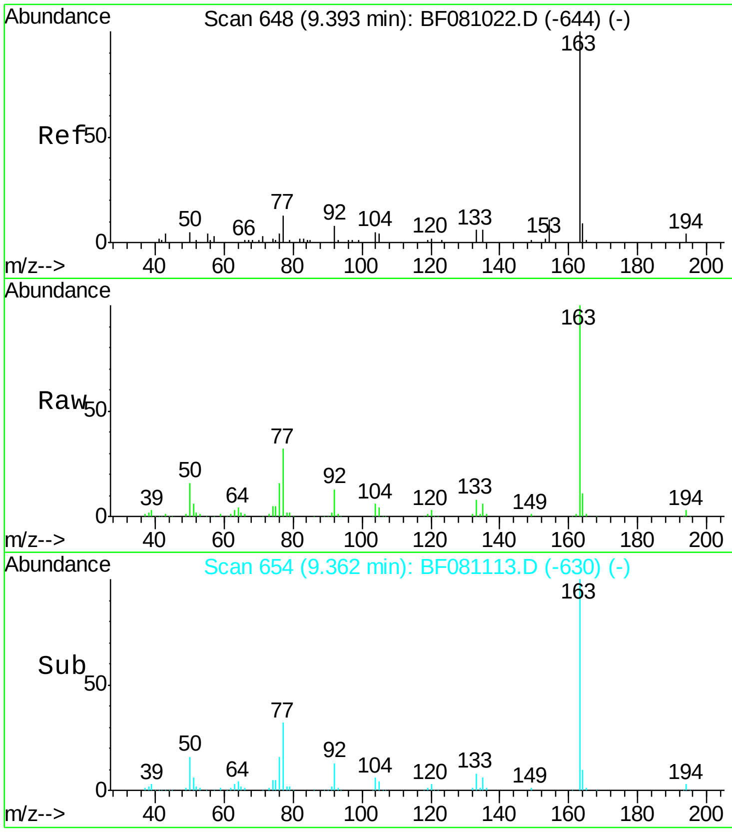


#48
Acenaphthylene
Concen: 44.13 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:152 Resp: 626808

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.2	9.8	14.6



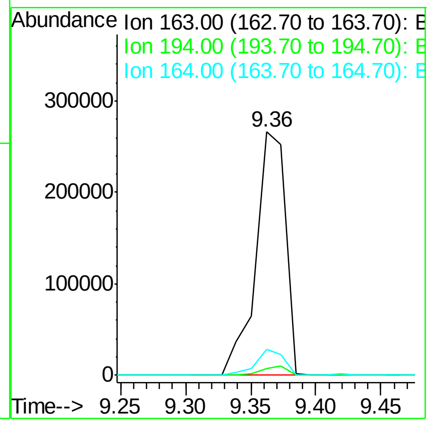


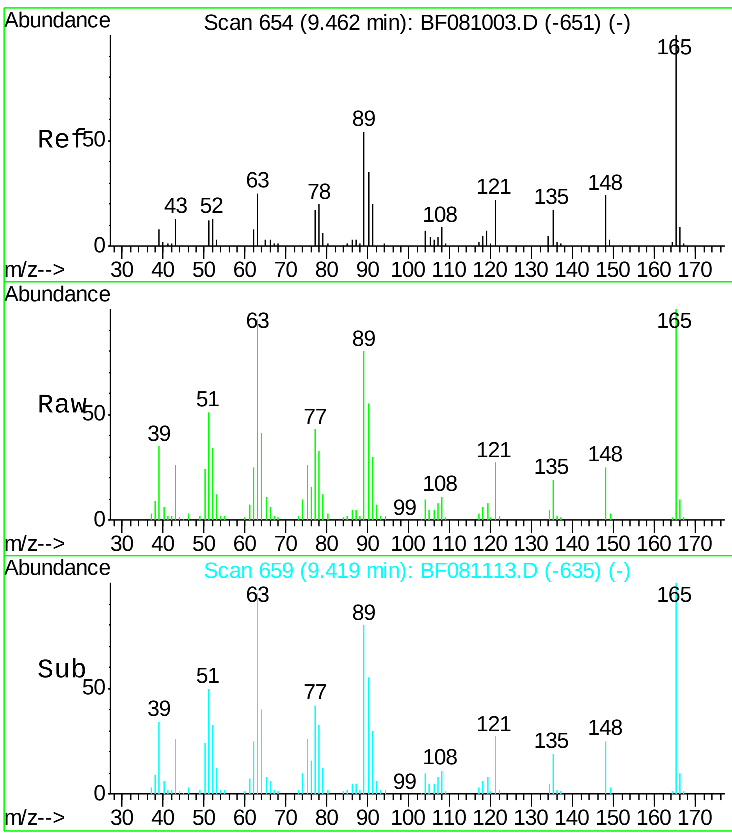
#49
Dimethylphthalate
Concen: 46.19 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 426851

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.5	3.7
164	10.6	8.1	12.1

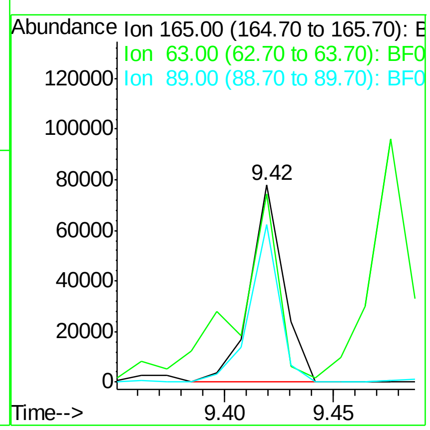


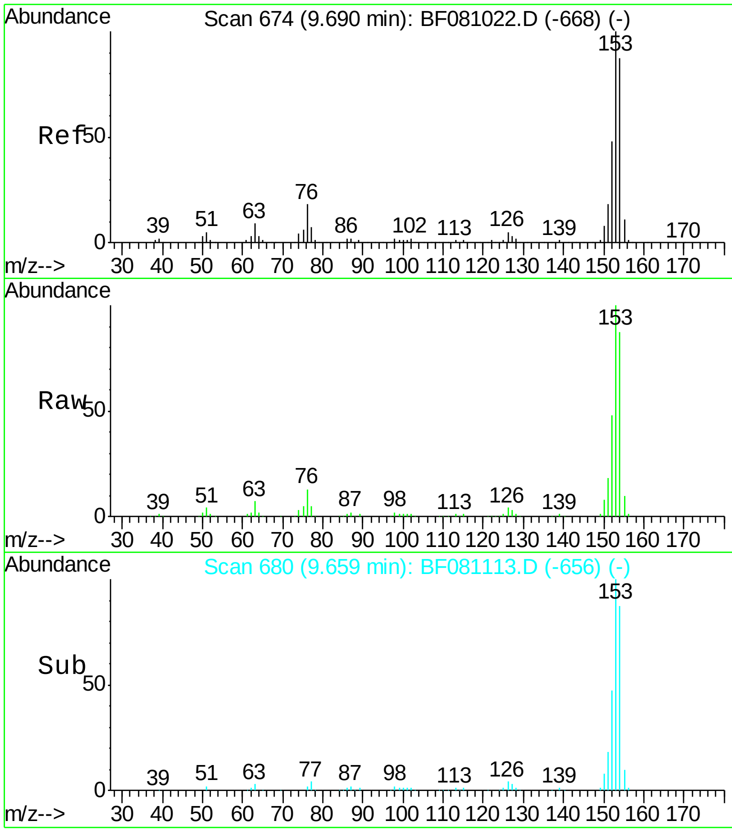


#50
2,6-Dinitrotoluene
Concen: 42.33 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:165 Resp: 83985

Ion	Ratio	Lower	Upper
165	100		
63	95.4	49.5	74.3#
89	80.4	47.6	71.4#



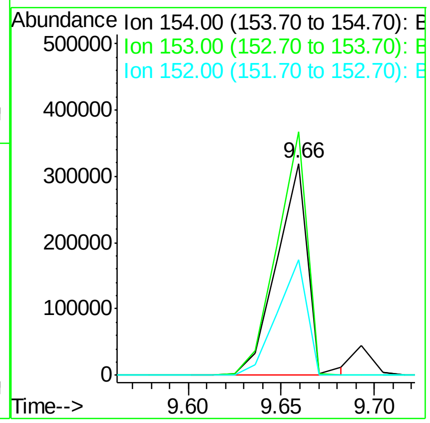


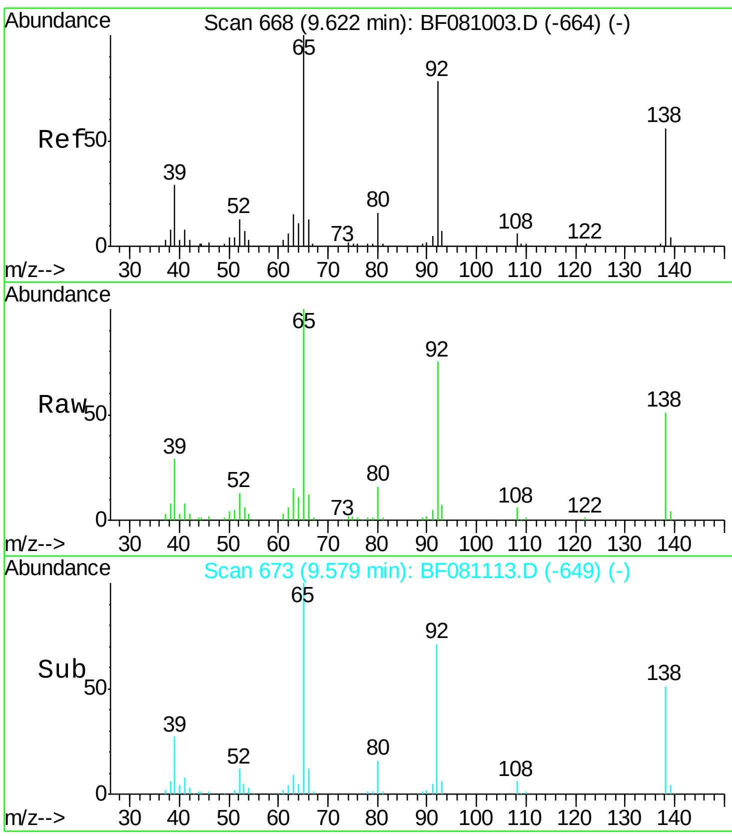
#51
Acenaphthene
Concen: 43.73 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 371870

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.4	137.2
152	54.6	43.7	65.5

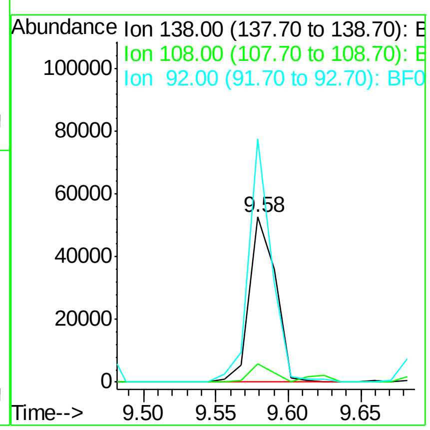


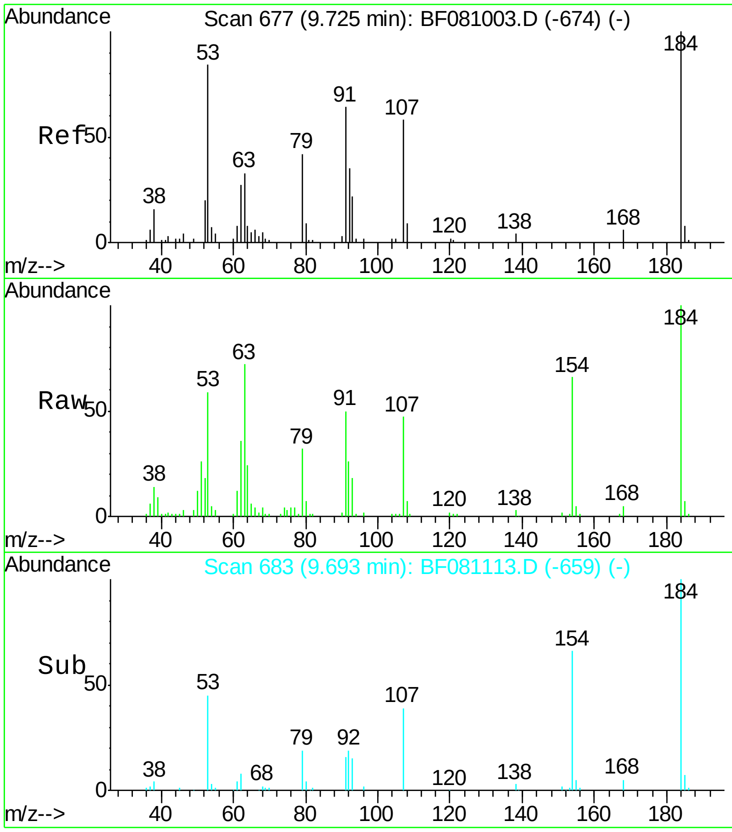


#52
3-Nitroaniline
Concen: 26.84 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:138 Resp: 66627

Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.2
92	147.3	113.2	169.8



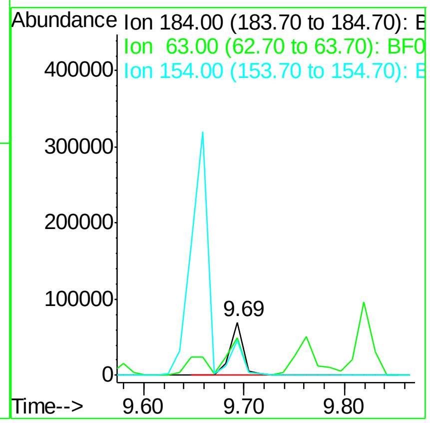


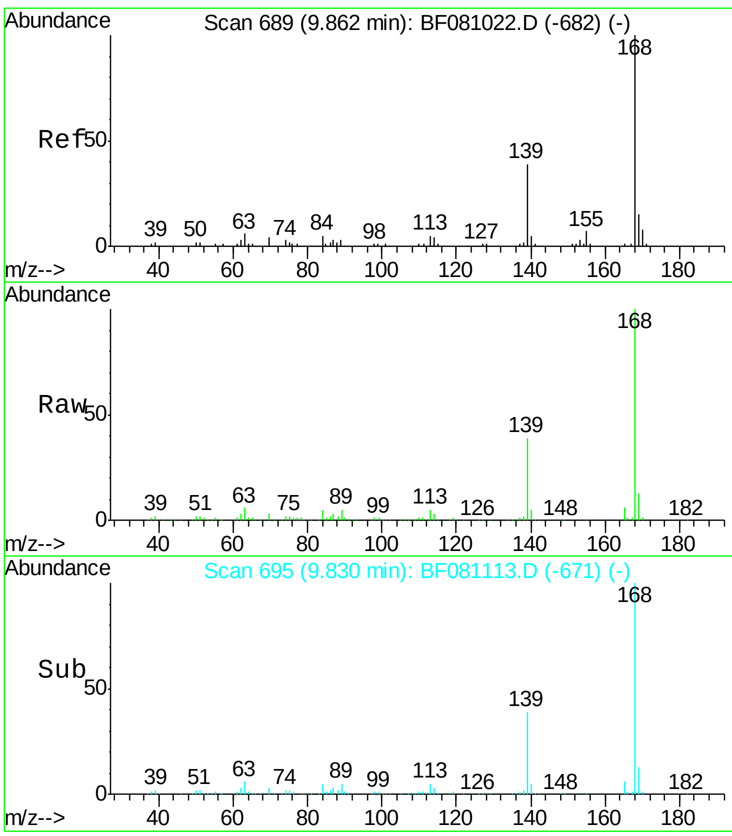
#53
2,4-Dinitrophenol
Concen: 63.62 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 66996

Ion	Ratio	Lower	Upper
184	100		
63	71.6	101.7	152.5#
154	65.7	67.4	101.0#

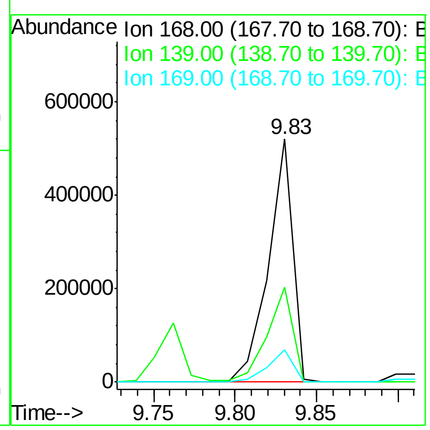


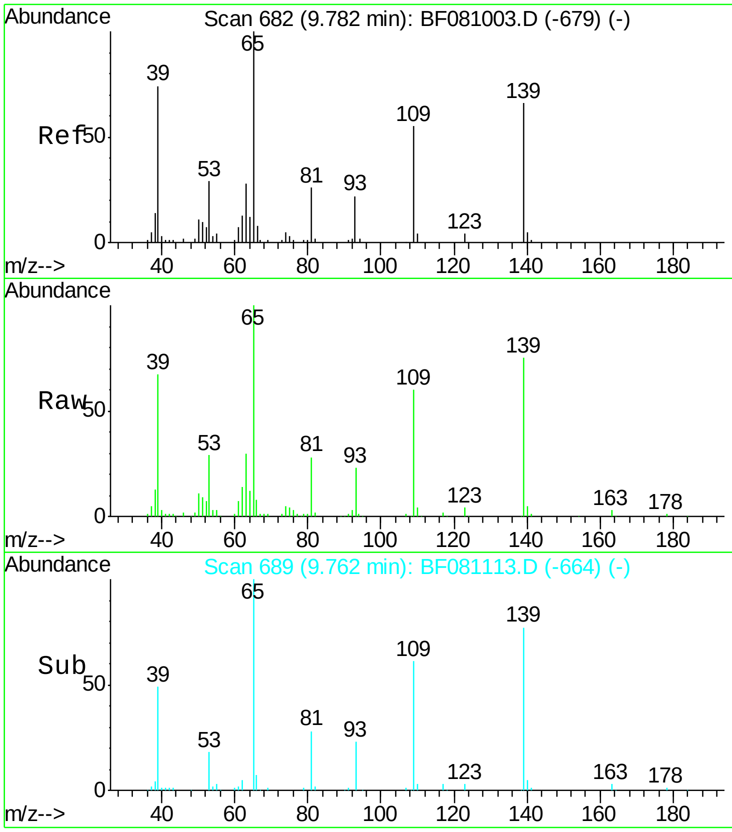


#54
Dibenzofuran
Concen: 47.67 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:168 Resp: 543183

Ion	Ratio	Lower	Upper
168	100		
139	38.9	29.3	43.9
169	13.3	10.3	15.5



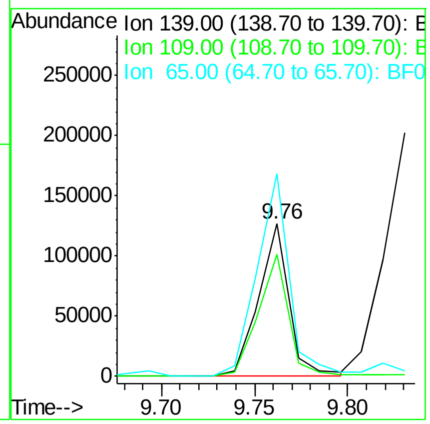


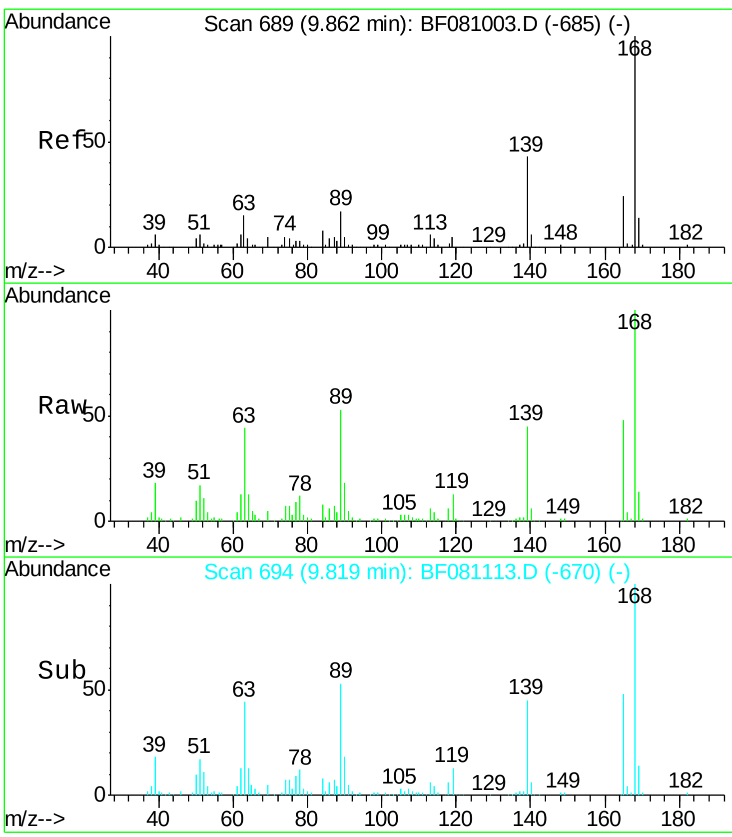
#55
4-Nitrophenol
Concen: 81.86 ng
RT: 9.76 min   Scan# 689
Delta R.T.   -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 142749

Ion	Ratio	Lower	Upper
139	100		
109	80.0	80.0	120.0
65	132.9	138.3	178.3#

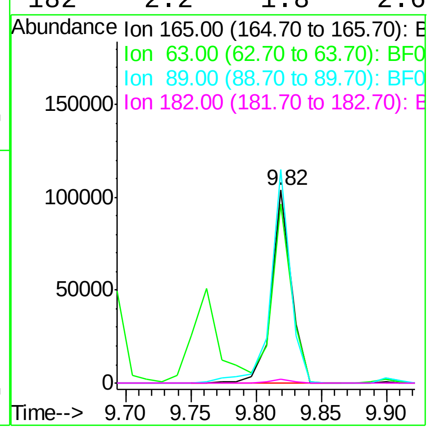


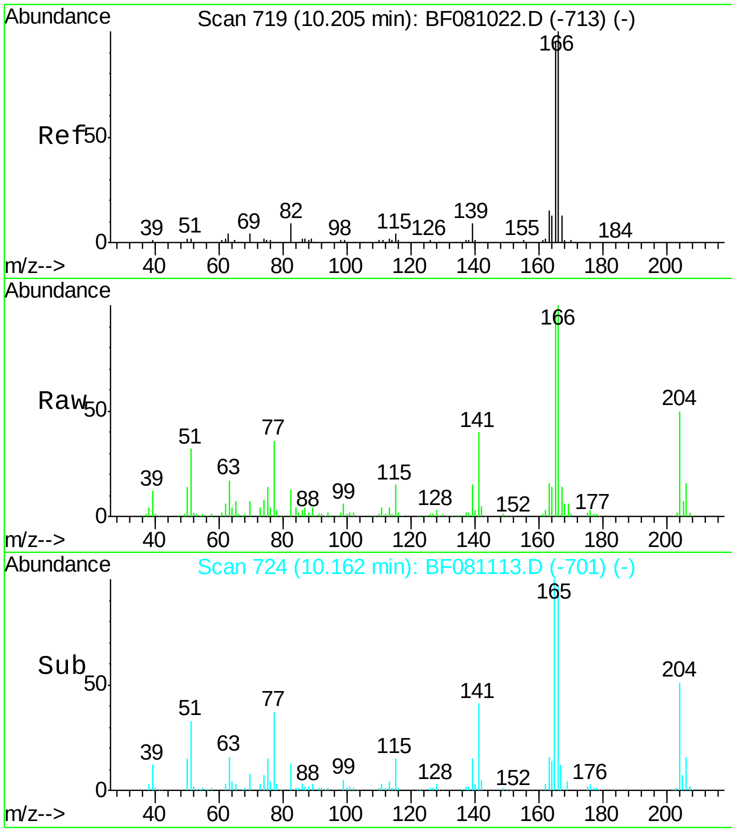


#56
2,4-Dinitrotoluene
Concen: 42.00 ng
RT: 9.82 min   Scan# 694
Delta R.T.   -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:165 Resp: 110457

Ion	Ratio	Lower	Upper
165	100		
63	92.7	52.2	78.4#
89	110.6	60.1	90.1#
182	2.2	1.8	2.6



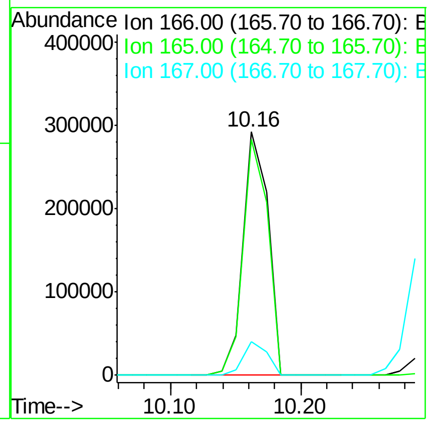


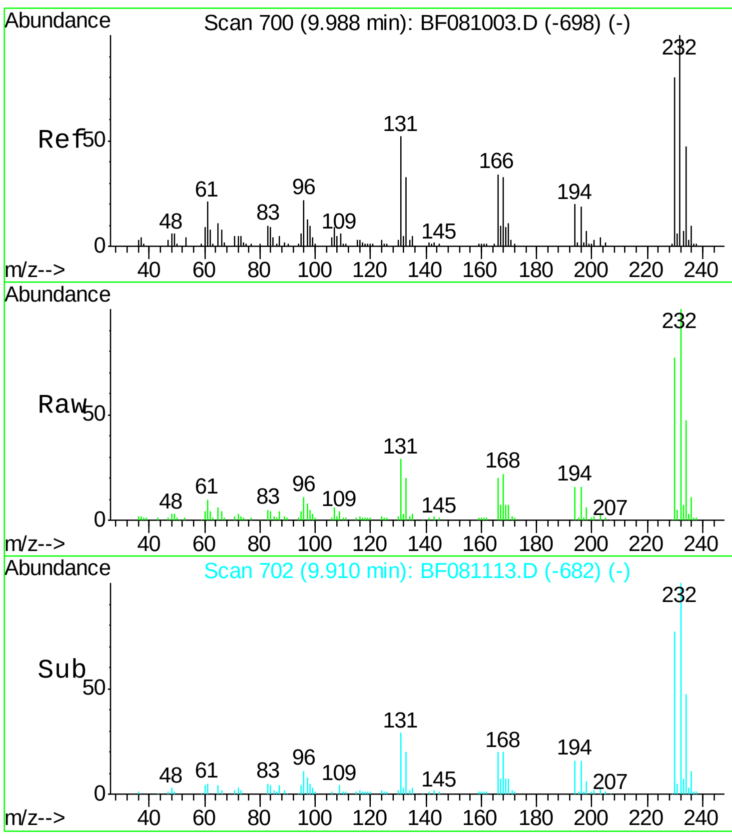
#57
Fluorene
Concen: 44.35 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 388708

Ion	Ratio	Lower	Upper
166	100		
165	97.0	75.8	113.8
167	14.0	11.3	16.9

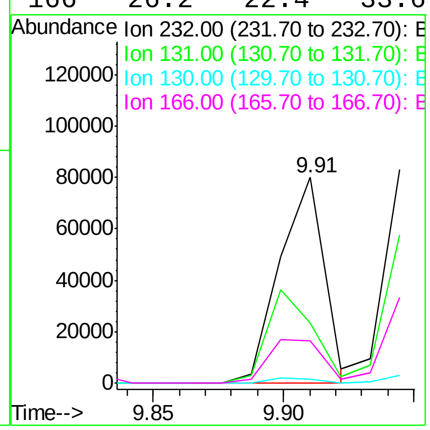


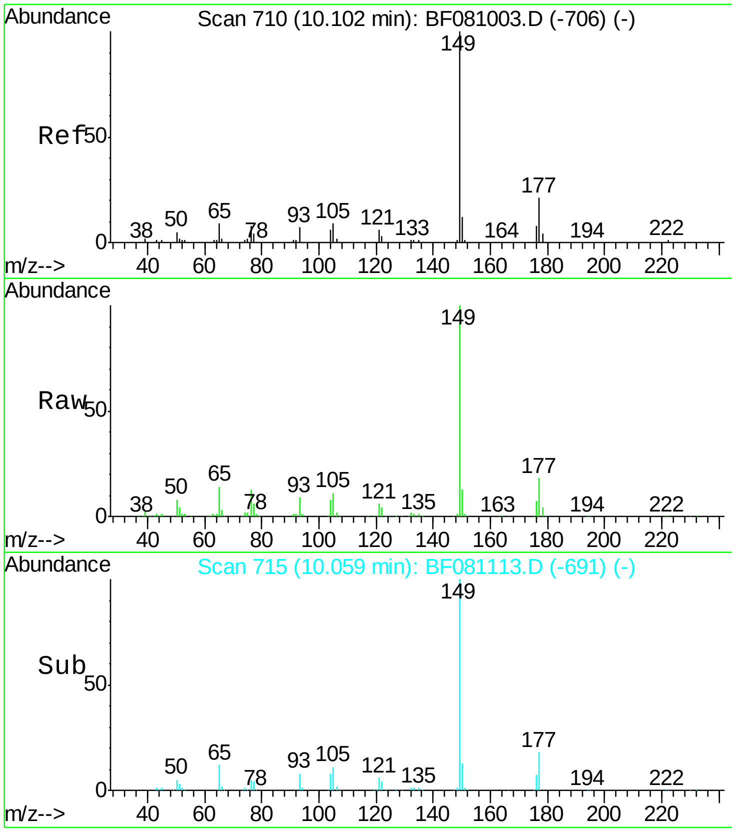


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.98 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.08 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:232 Resp: 94915

Ion	Ratio	Lower	Upper
232	100		
131	47.1	42.2	63.4
130	2.3	2.1	3.1
166	26.2	22.4	33.6



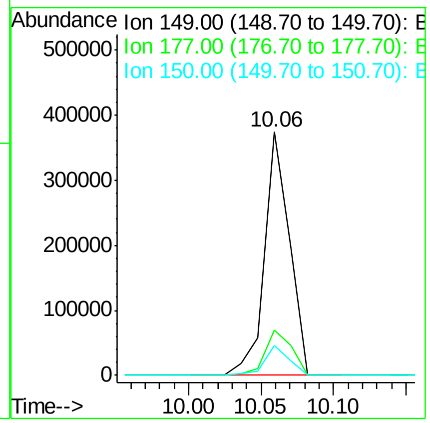


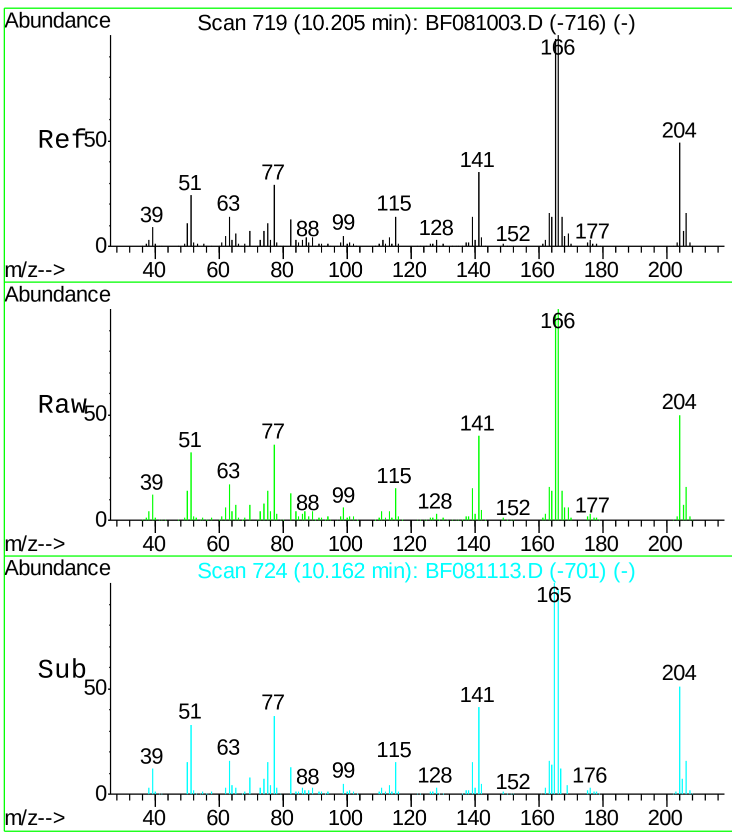
#59
Diethylphthalate
Concen: 45.39 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 443955

Ion	Ratio	Lower	Upper
149	100		
177	18.4	14.1	21.1
150	12.5	10.3	15.5

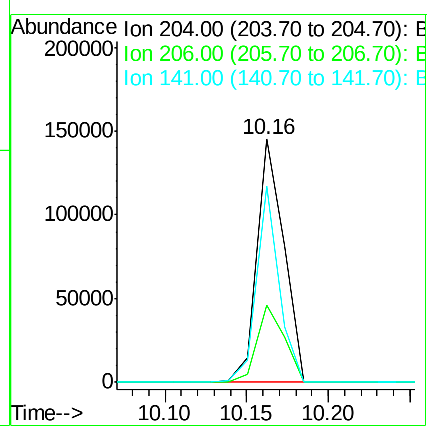


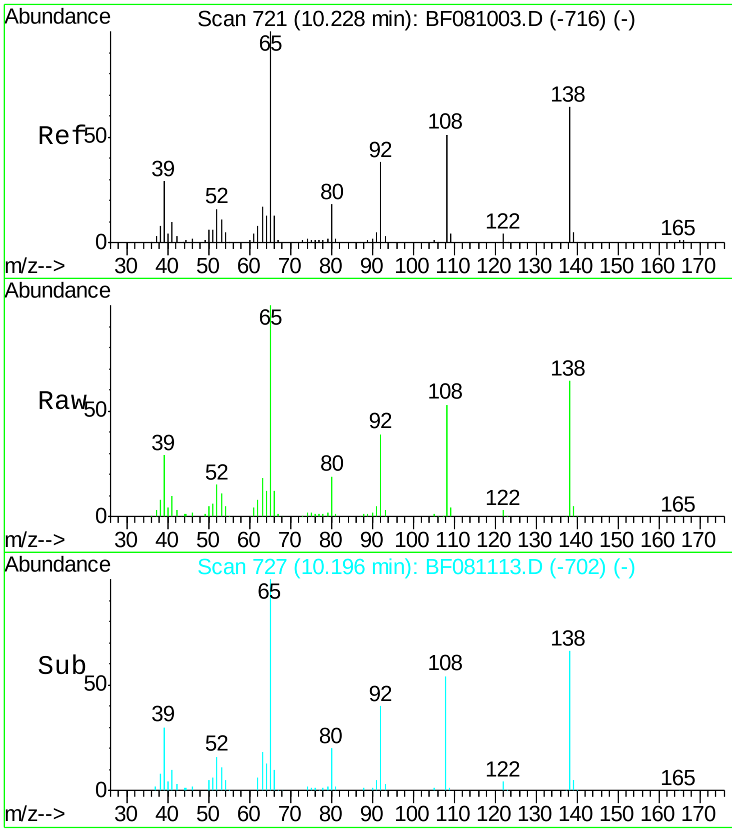


#60
4-Chlorophenyl-phenylether
Concen: 44.75 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:204 Resp: 165968

Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	80.4	59.6	89.4

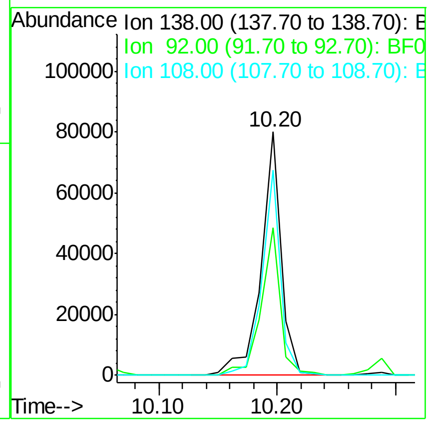


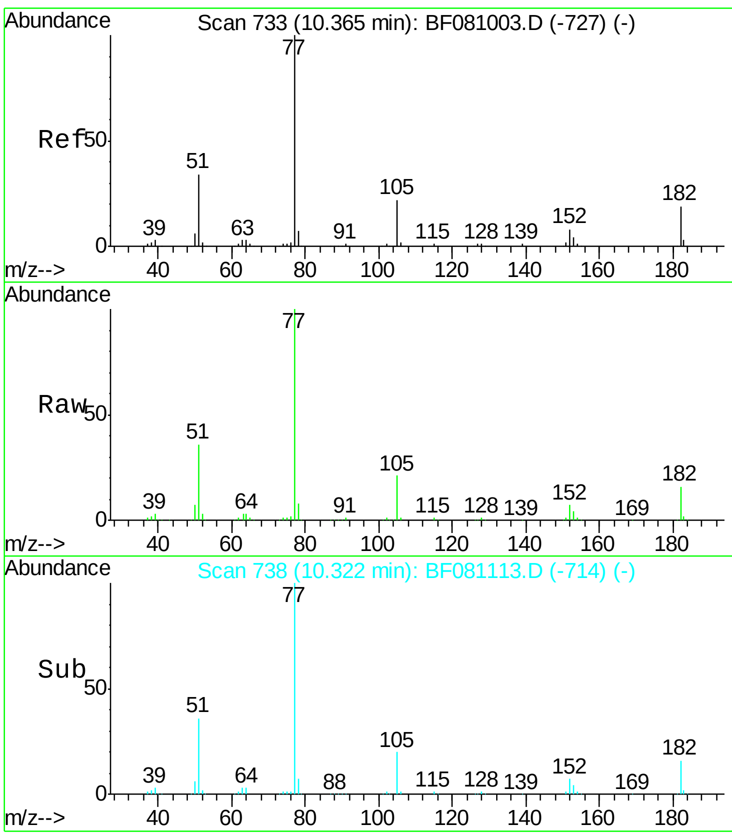


#61
4-Nitroaniline
Concen: 37.40 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument : BNA_F
ClientSampleId :

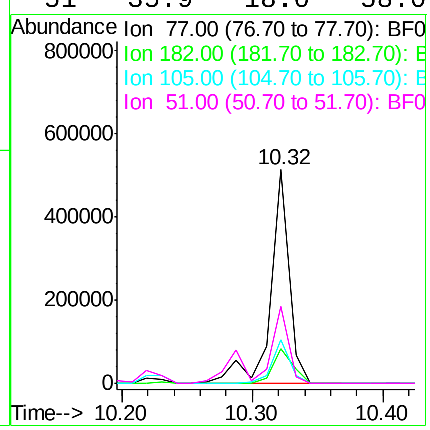
Tgt Ion:138	Resp:		94915
Ion	Ratio	Lower	Upper
138	100		
92	60.6	34.7	74.7
108	84.1	68.9	108.9

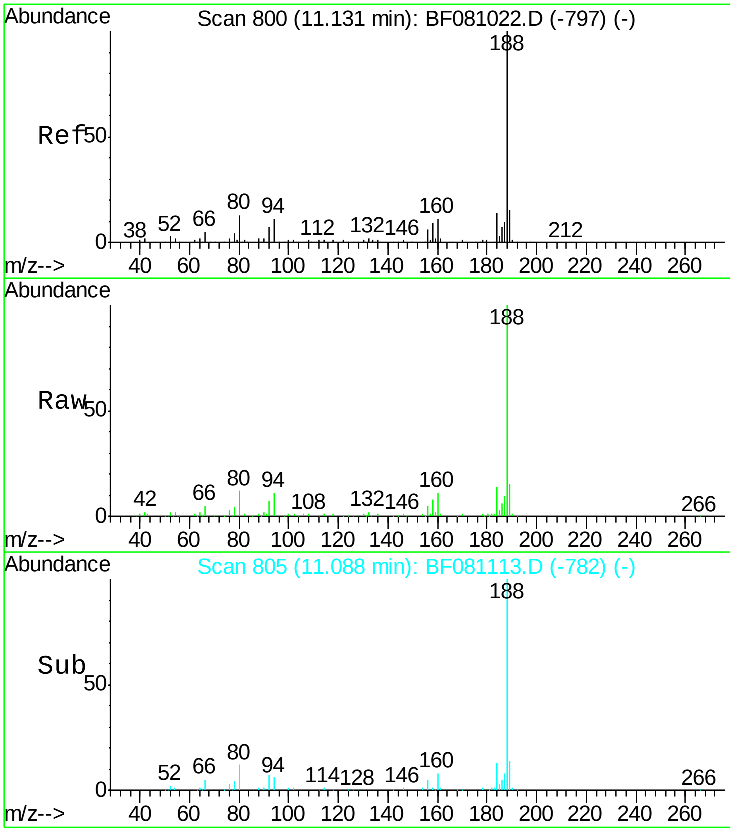




#62
Azobenzene
Concen: 46.25 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

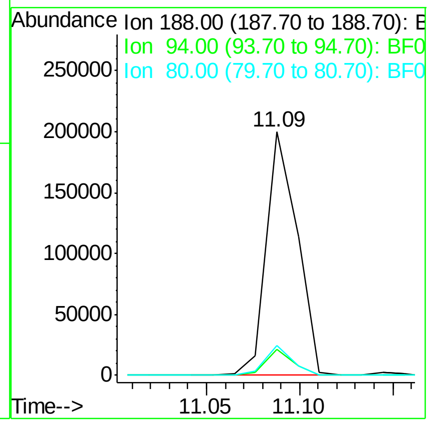
Tgt Ion: 77	Resp:		521235
Ion	Ratio	Lower	Upper
77	100		
182	16.1	0.0	39.0
105	20.6	0.2	40.2
51	35.9	18.0	58.0

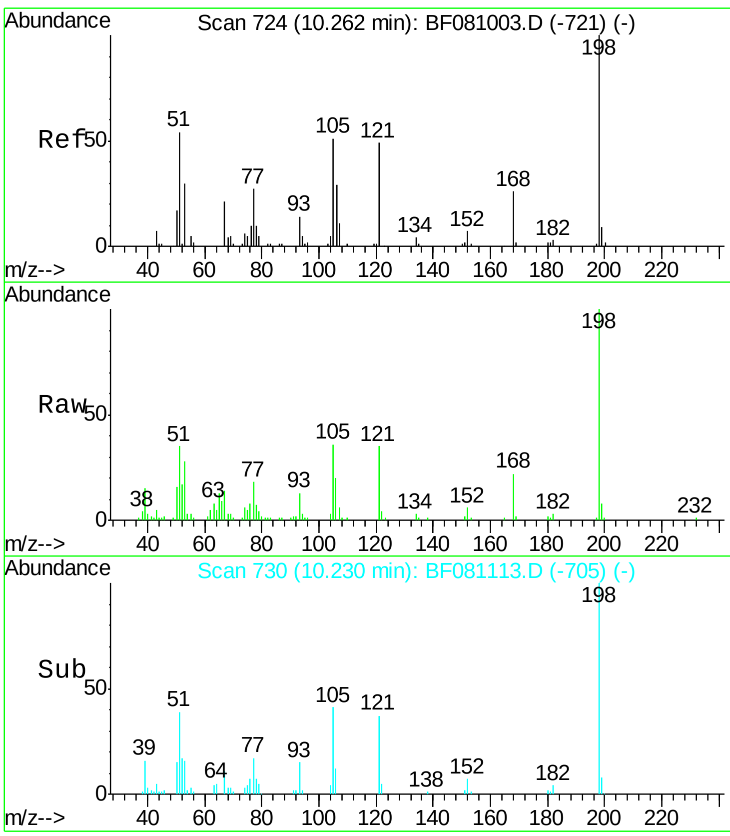




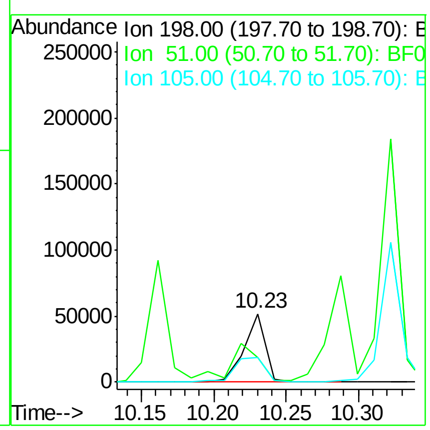

```
#63
Phenanthrene-d10
Concen:    20.00 ng
RT: 11.09 min   Scan# 805
Delta R.T.    -0.04 min
Lab File:    BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:188 Resp:   228657
Ion  Ratio  Lower  Upper
188  100
 94   10.7    8.2   12.2
 80   12.2    9.5   14.3
```

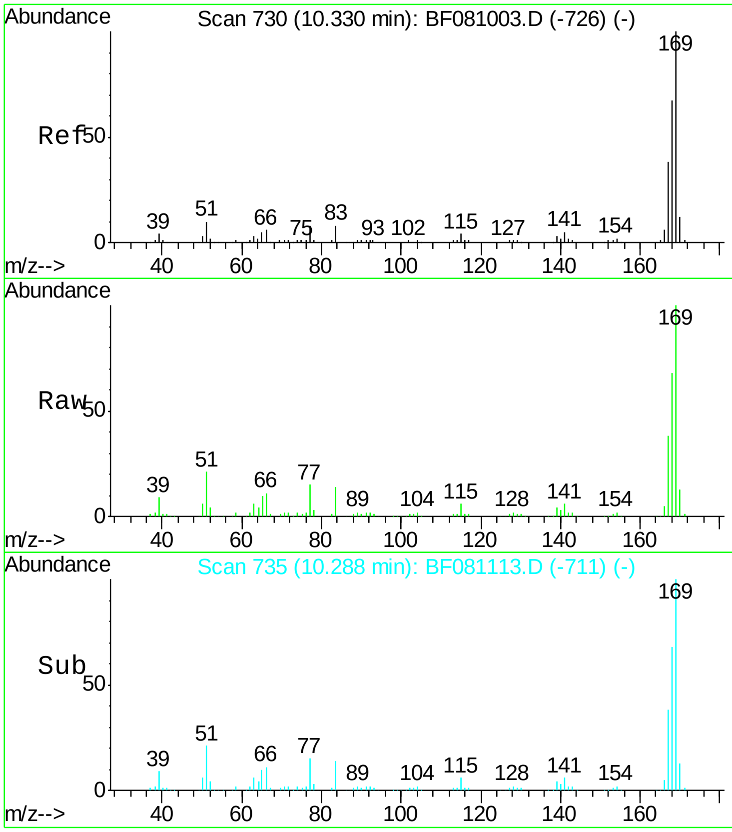
Instrument :
BNA_F
ClientSampleId :






```
#64
4,6-Dinitro-2-methylphenol
Concen:    38.71 ng
RT: 10.23 min   Scan# 730
Delta R.T.    -0.02 min
Lab File:    BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:198 Resp:    52854
Ion  Ratio  Lower  Upper
198  100
 51   35.4   79.7  119.7#
105   36.5   47.0   87.0#
```



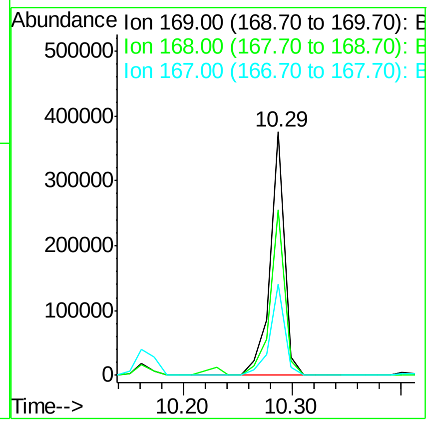


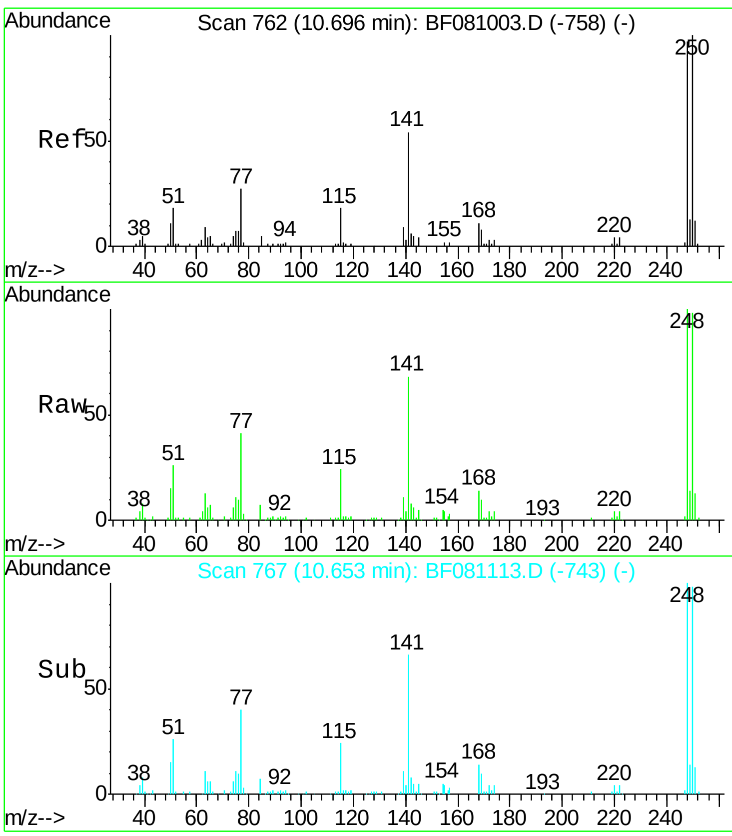
#65
n-Nitrosodiphenylamine
Concen: 43.21 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 352660

Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.3	82.9
167	37.6	30.8	46.2

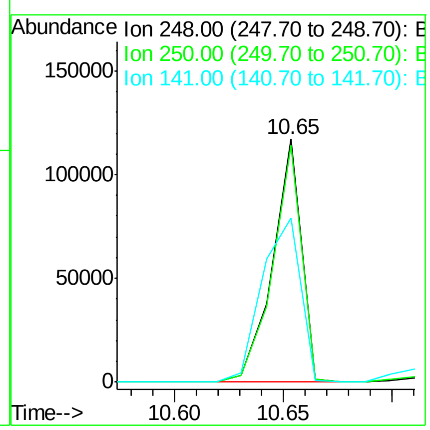


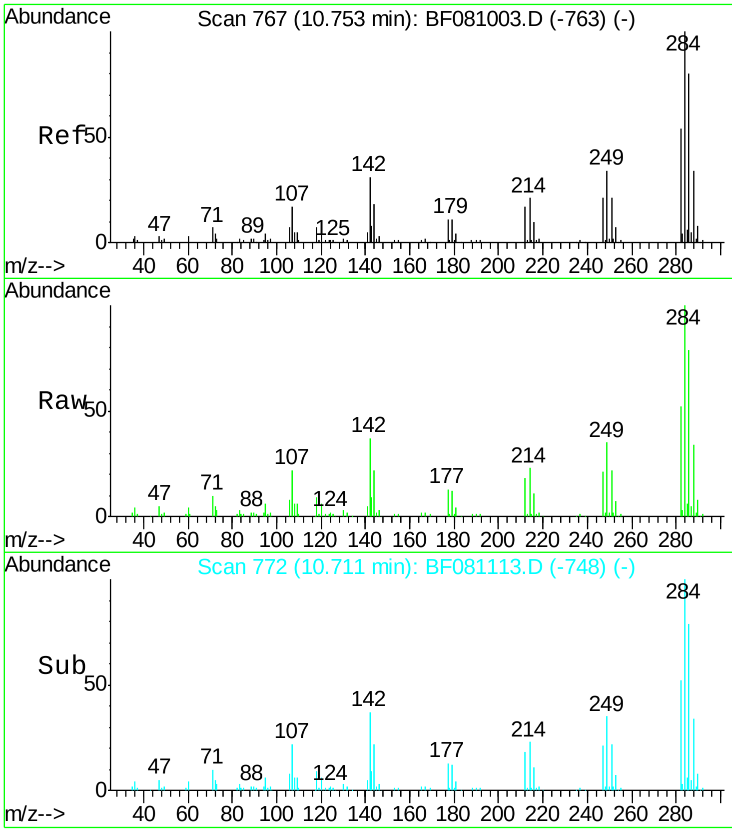


#66
4-Bromophenyl-phenylether
Concen: 48.80 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:248 Resp: 109619

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.6
141	67.5	39.8	59.6#



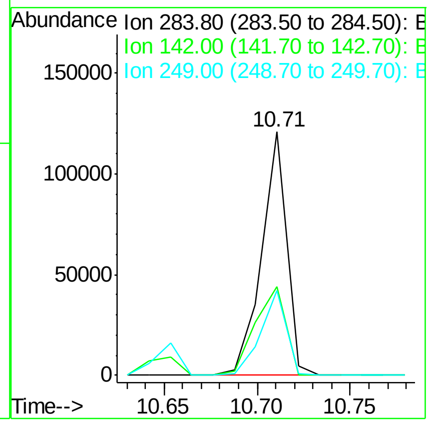


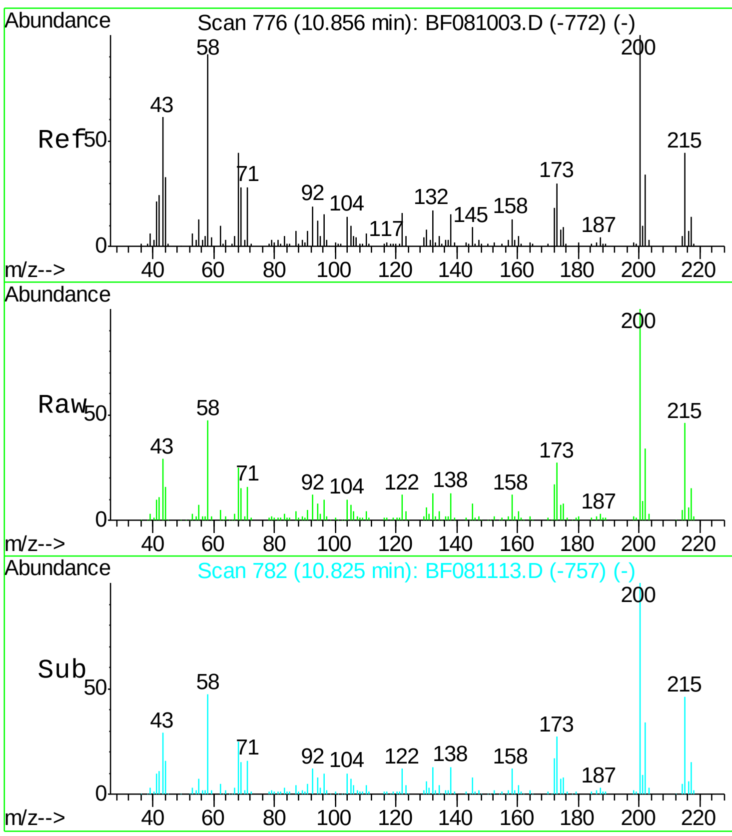
#67
Hexachlorobenzene
Concen: 49.11 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 111732

Ion	Ratio	Lower	Upper
284	100		
142	36.5	25.4	38.0
249	34.9	28.5	42.7

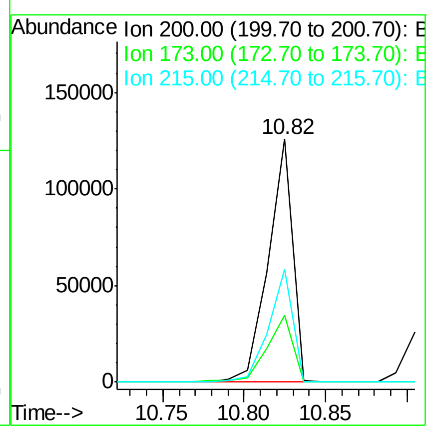


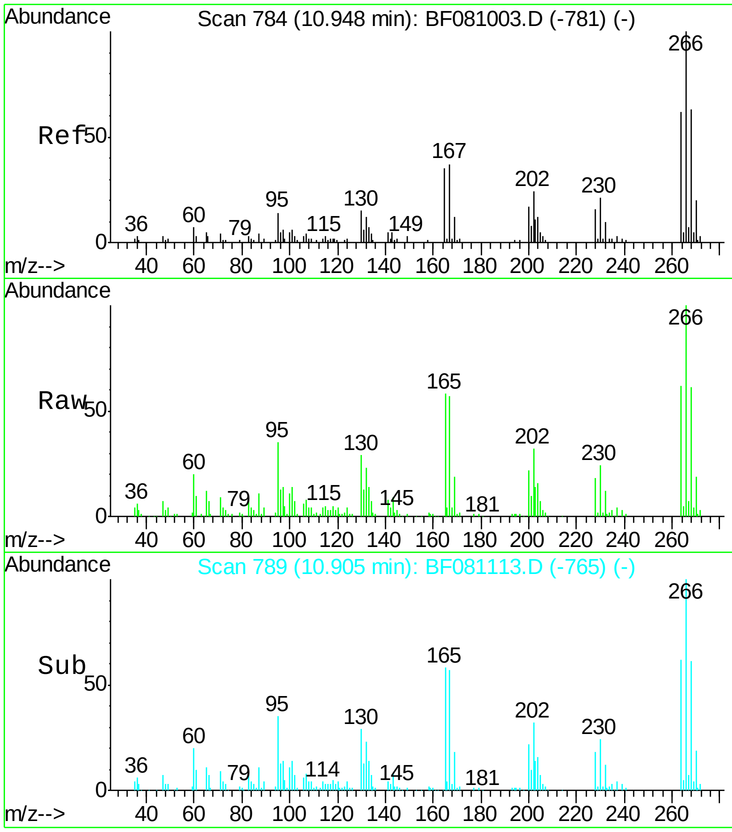


#68
Atrazine
Concen: 57.59 ng
RT: 10.82 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:200 Resp: 130970

Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.1	48.1
215	46.3	23.3	63.3



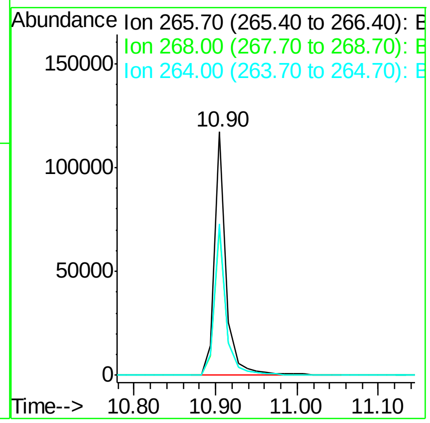


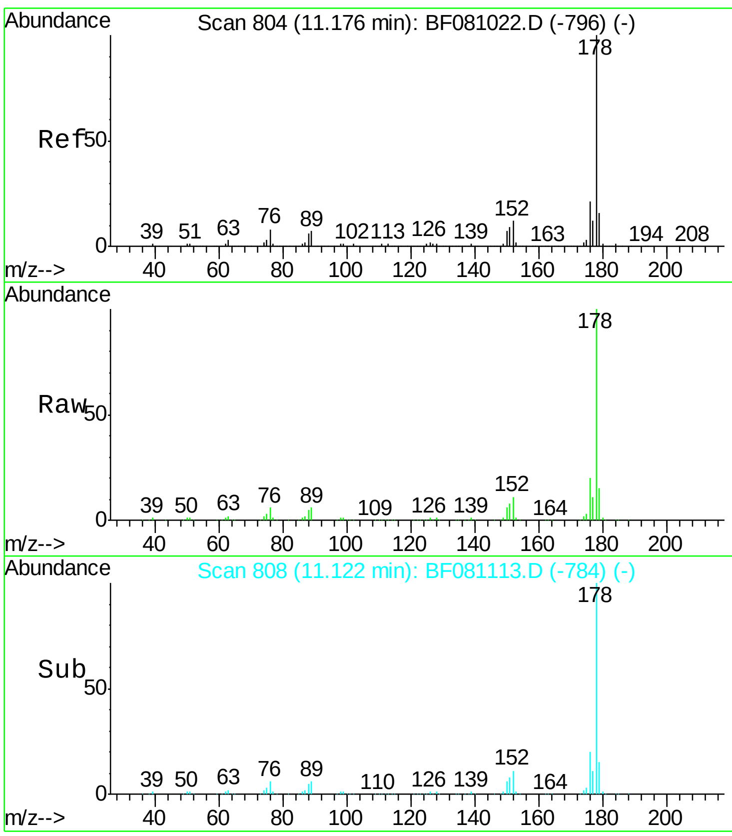
#69
Pentachlorophenol
Concen: 86.85 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 118550

Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.2	76.8
264	62.3	50.6	75.8

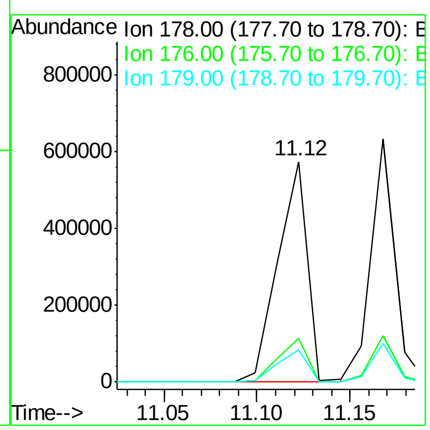


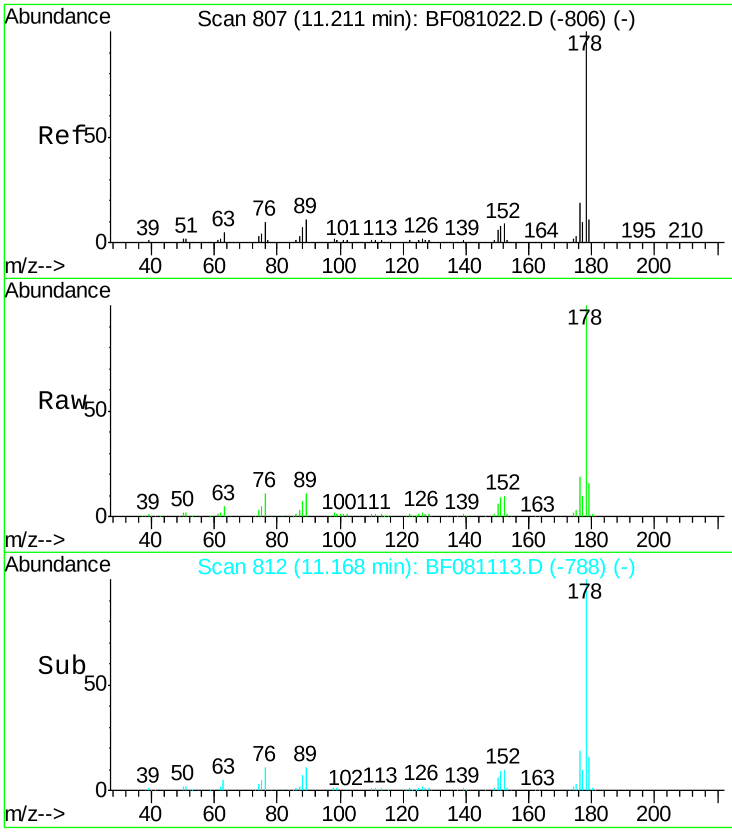


#70
Phenanthrene
Concen: 46.71 ng
RT: 11.12 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:178 Resp: 632971

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	14.9	12.2	18.2



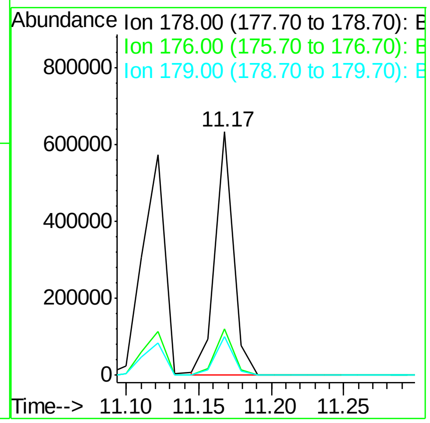


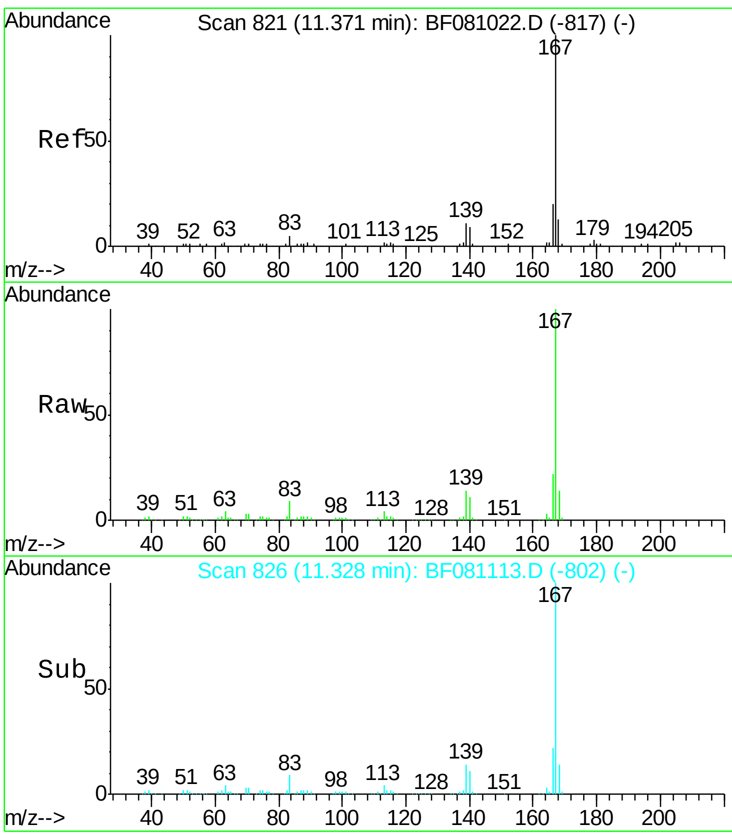
#71
Anthracene
Concen: 42.24 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 556974

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.8	12.7	19.1

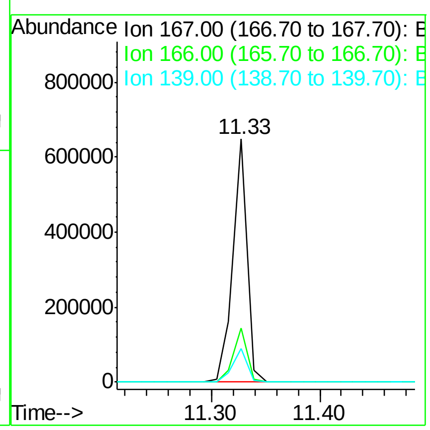


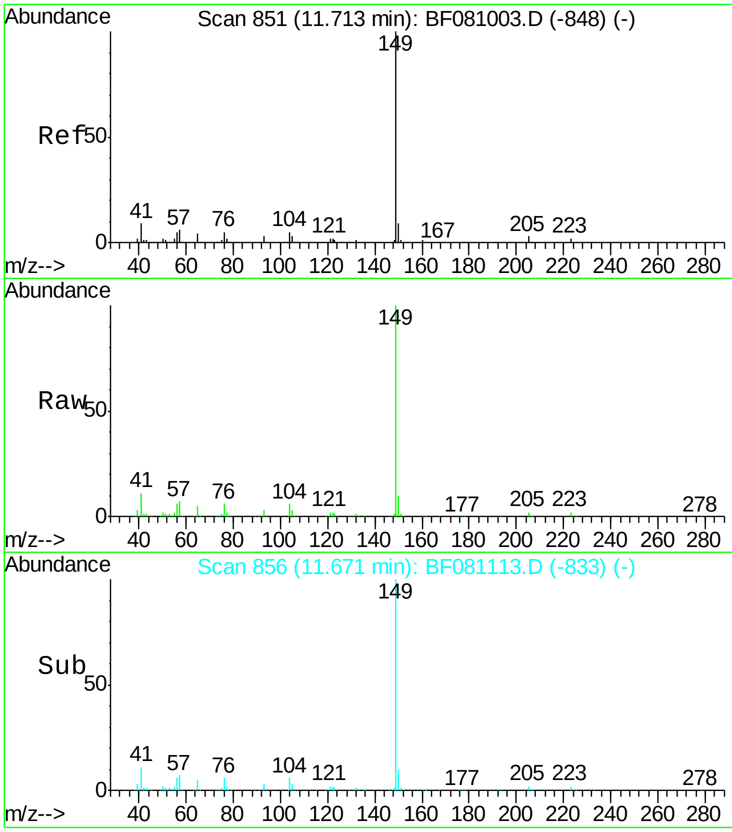


#72
Carbazole
Concen: 46.26 ng
RT: 11.33 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:167 Resp: 587312

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	14.0	10.6	16.0



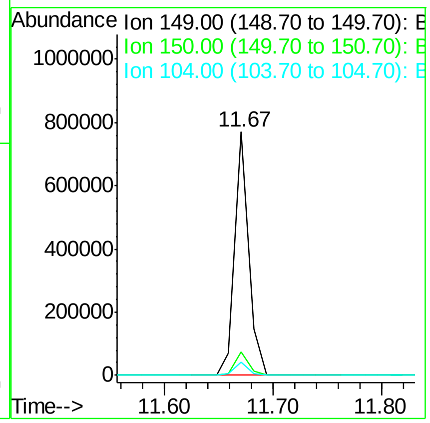


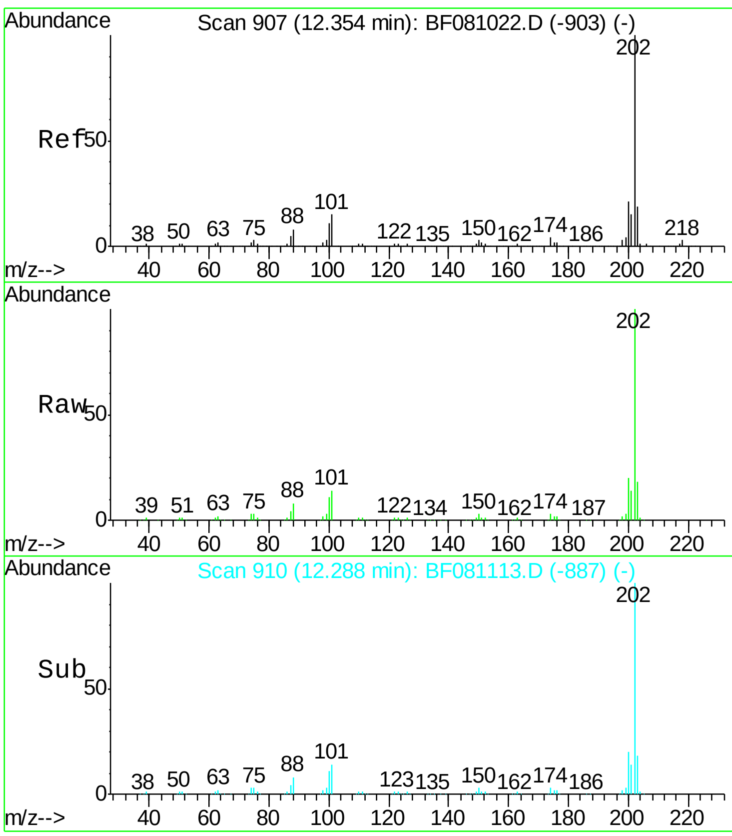
#73
Di-n-butylphthalate
Concen: 44.38 ng
RT: 11.67 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 681846

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.5	3.9	5.9

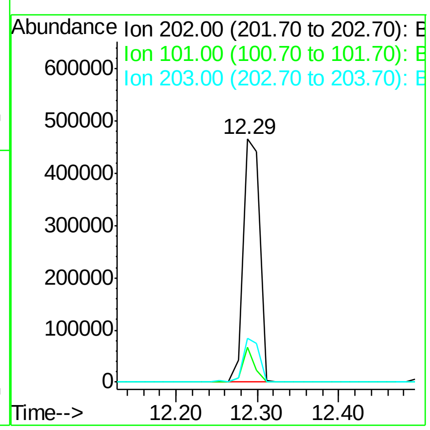


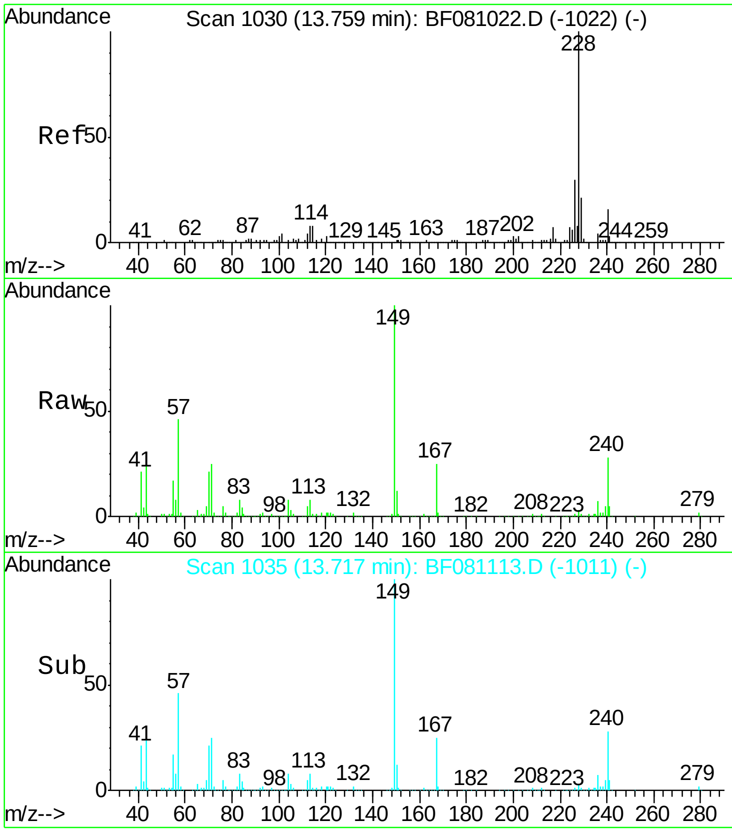


#74
Fluoranthene
Concen: 45.15 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:202 Resp: 660260

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	24.8
203	17.8	0.0	36.9

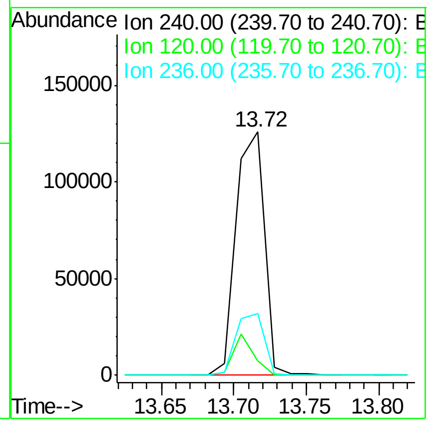


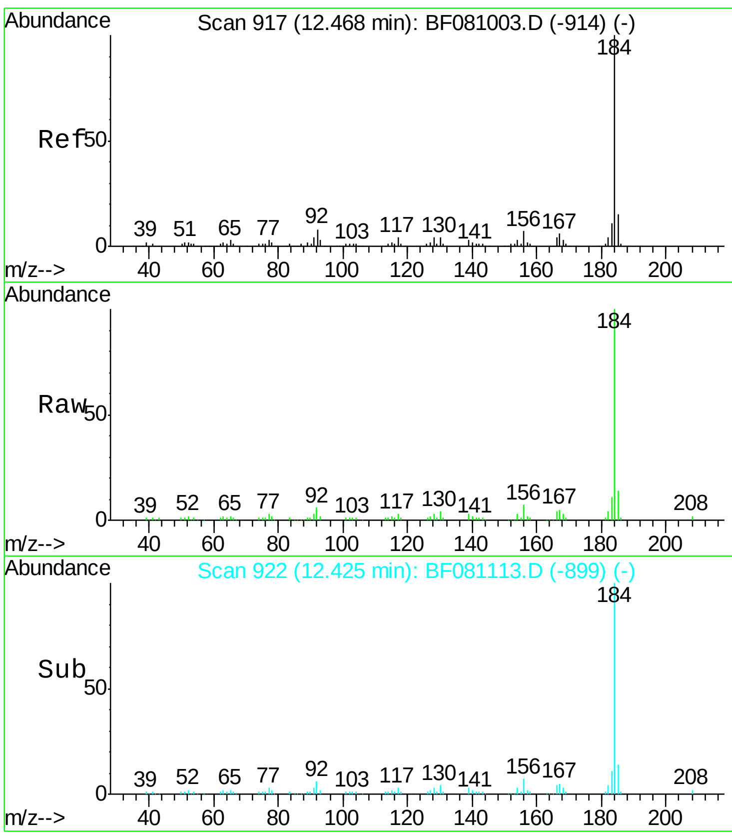


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

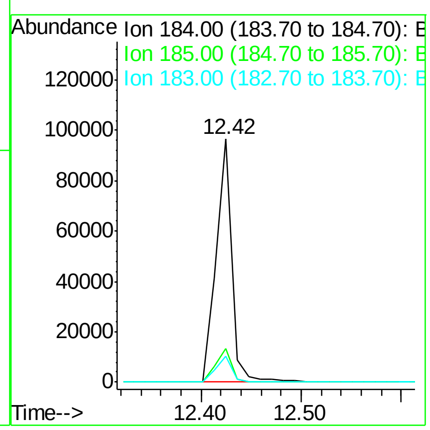
Tgt Ion:240	Resp:	171031	
Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.6	8.4
236	25.7	20.6	30.8

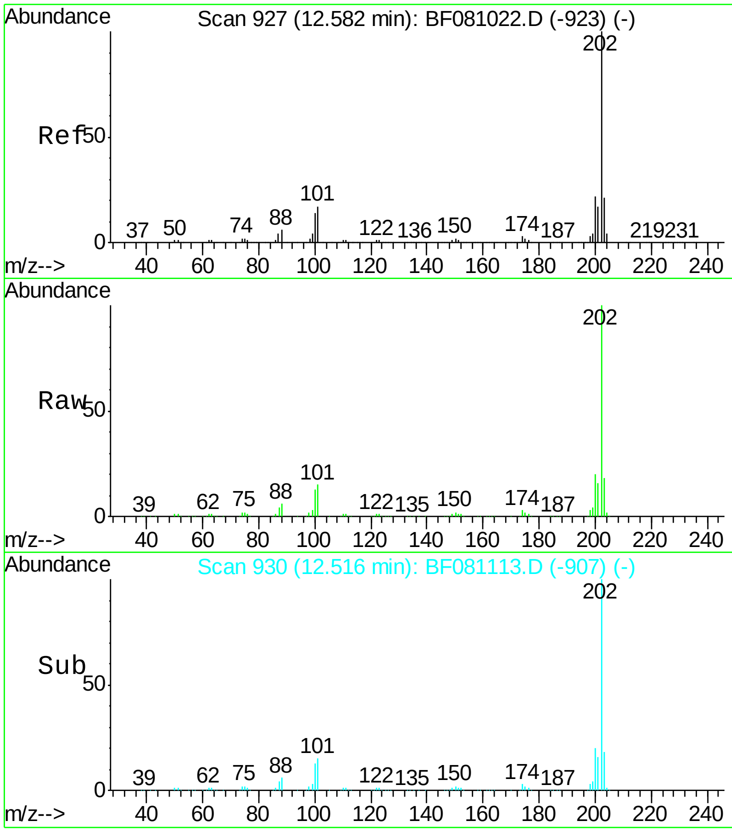




#76
Benzidine
Concen: 16.28 ng
RT: 12.42 min Scan# 922
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:184	Resp:	105190	
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.0	18.0
183	10.7	8.9	13.3



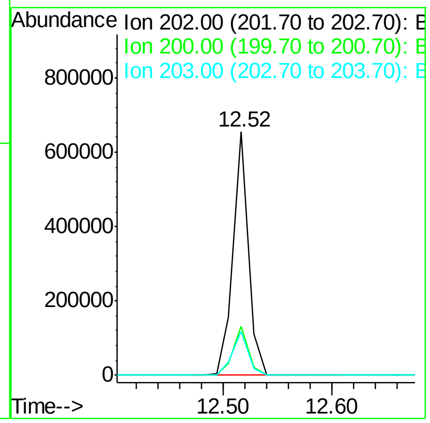


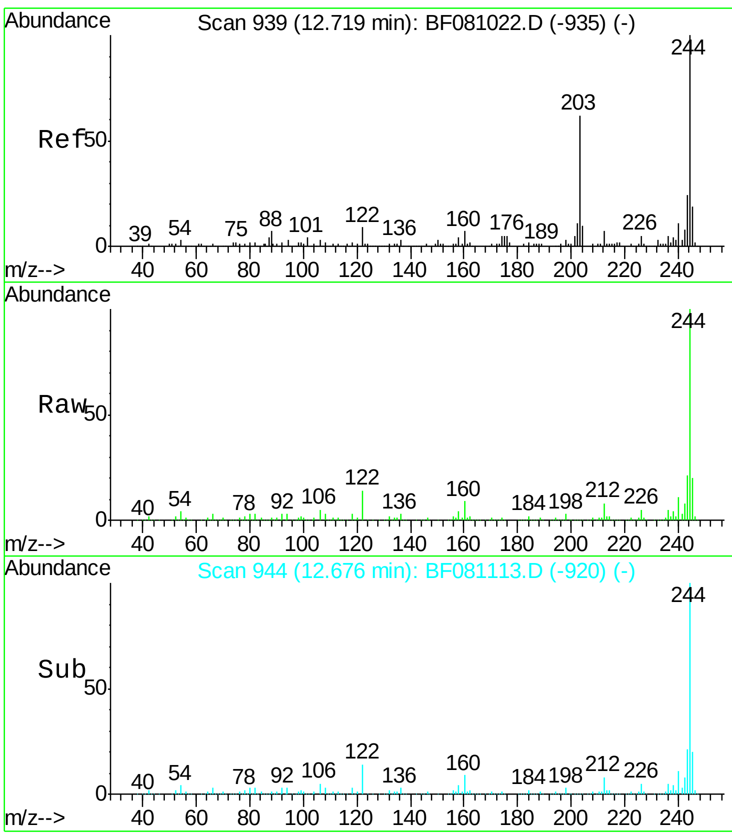
#77
Pyrene
Concen: 46.04 ng
RT: 12.52 min   Scan# 930
Delta R.T.   -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 640166

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	18.1	14.1	21.1

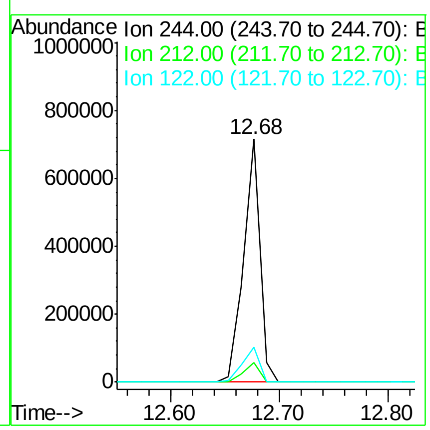


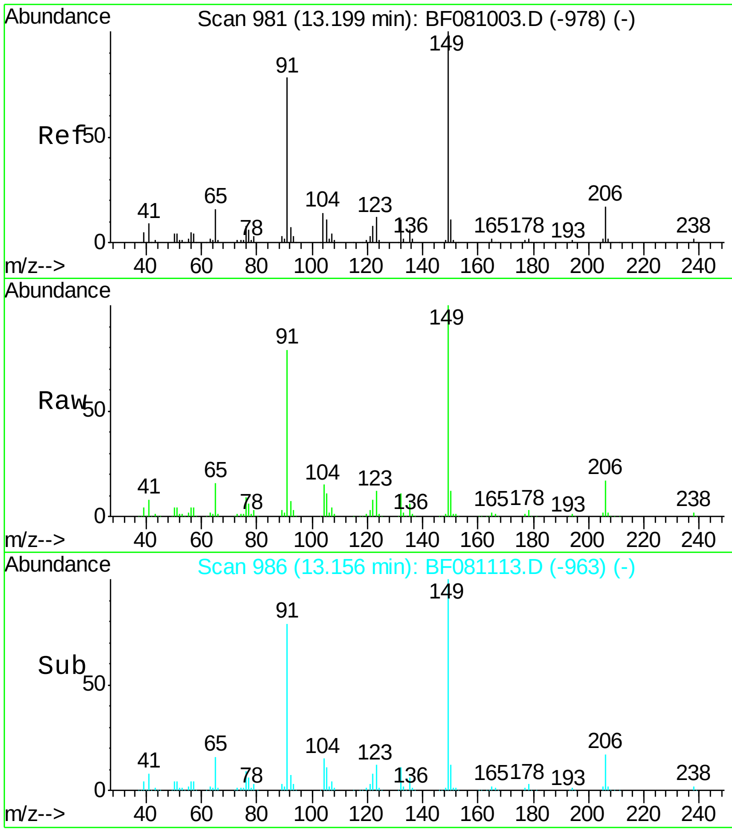


#78
Terphenyl-d14
Concen: 92.14 ng
RT: 12.68 min   Scan# 944
Delta R.T.   -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015   7:45

Tgt Ion:244 Resp: 735118

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	14.2	8.2	12.4#



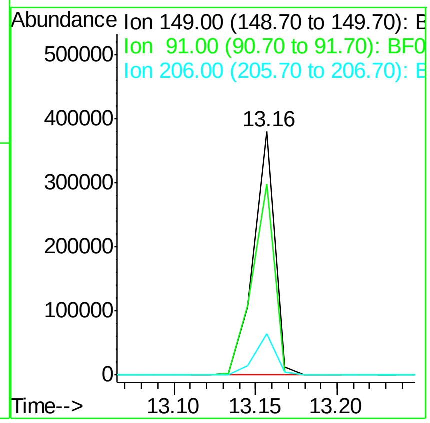


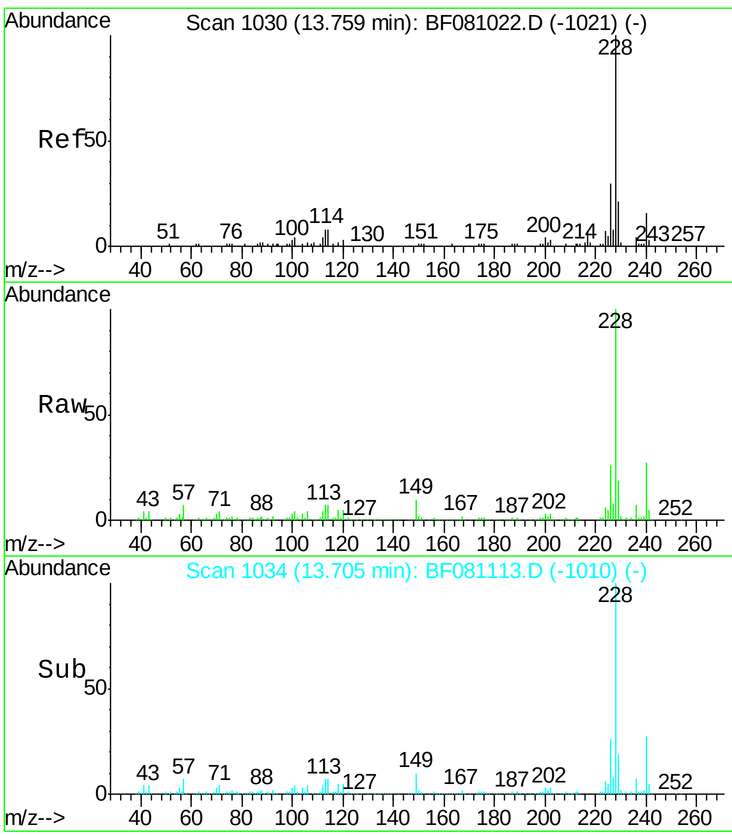
#79
Butylbenzylphthalate
Concen: 57.45 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 343333

Ion	Ratio	Lower	Upper
149	100		
91	78.5	46.9	70.3#
206	17.1	17.0	25.4

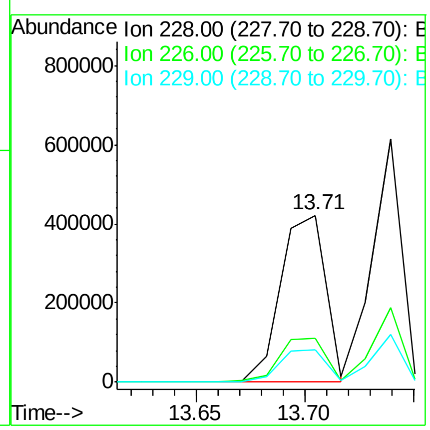


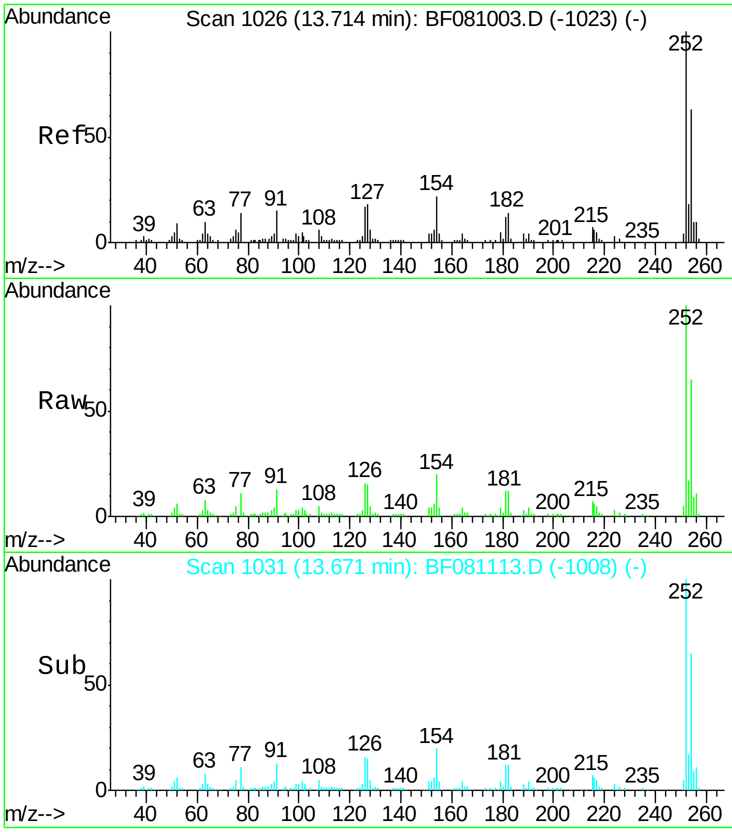


#80
Benzo(a)anthracene
Concen: 53.36 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:228 Resp: 612007

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.4	15.9	23.9



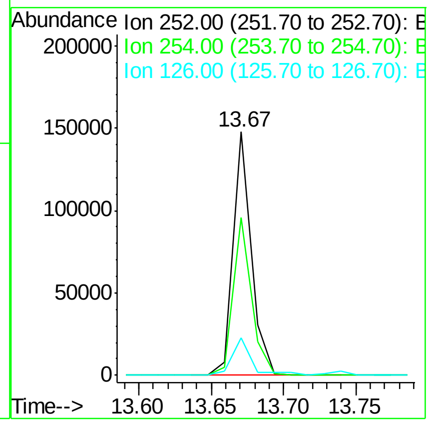


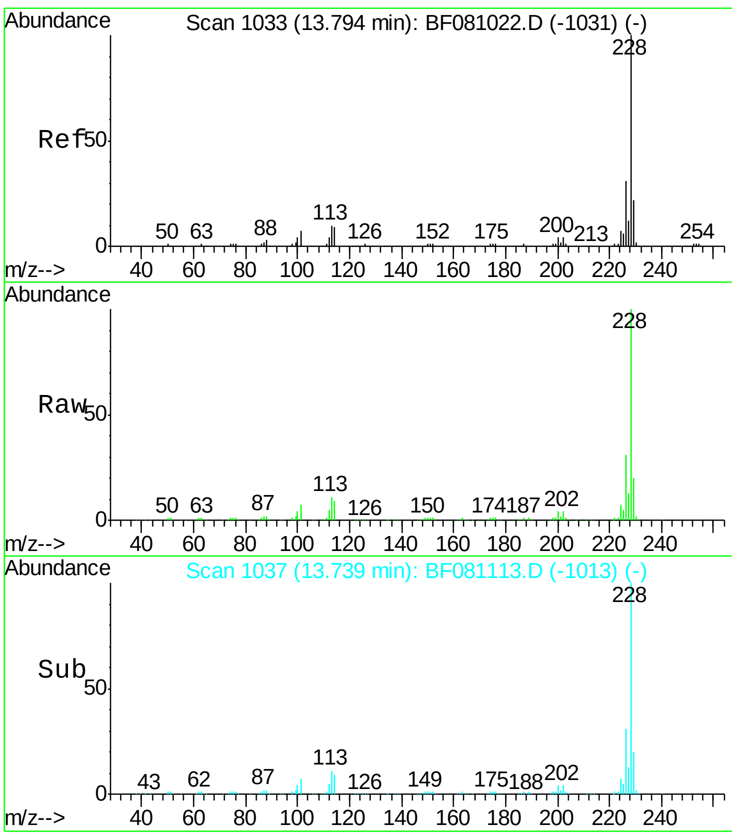
#81
3,3'-Dichlorobenzidine
Concen: 34.79 ng
RT: 13.67 min Scan# 1031
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 129251

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	15.5	12.5	18.7

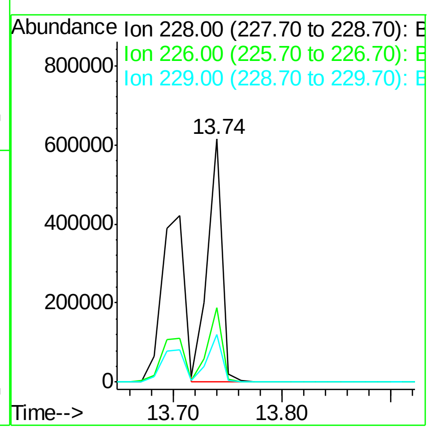


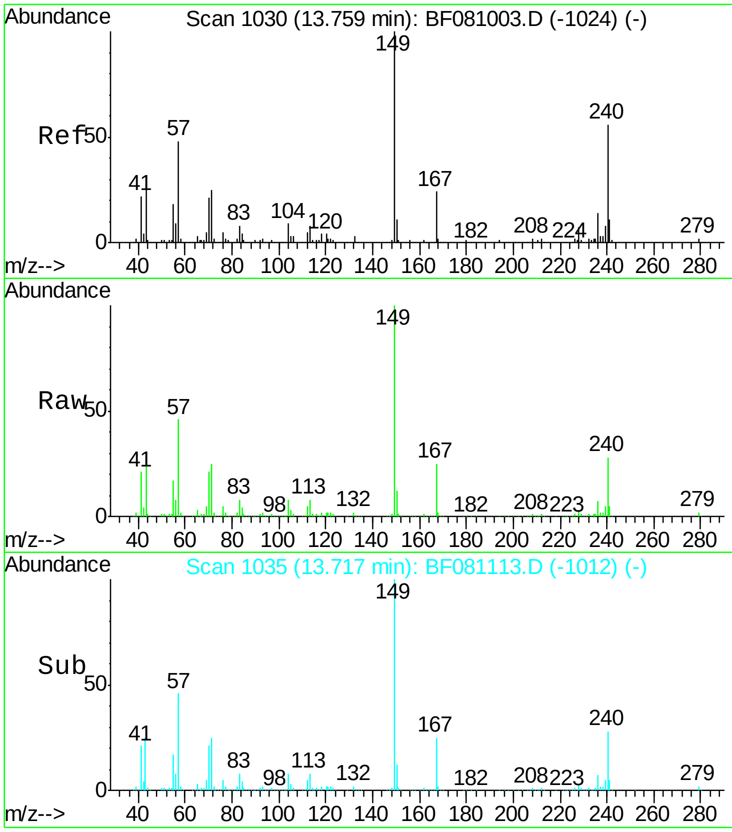


#82
Chrysene
Concen: 56.18 ng
RT: 13.74 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:228 Resp: 580738

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.8	16.0	24.0



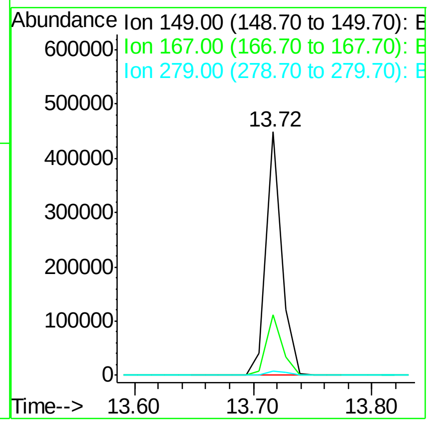


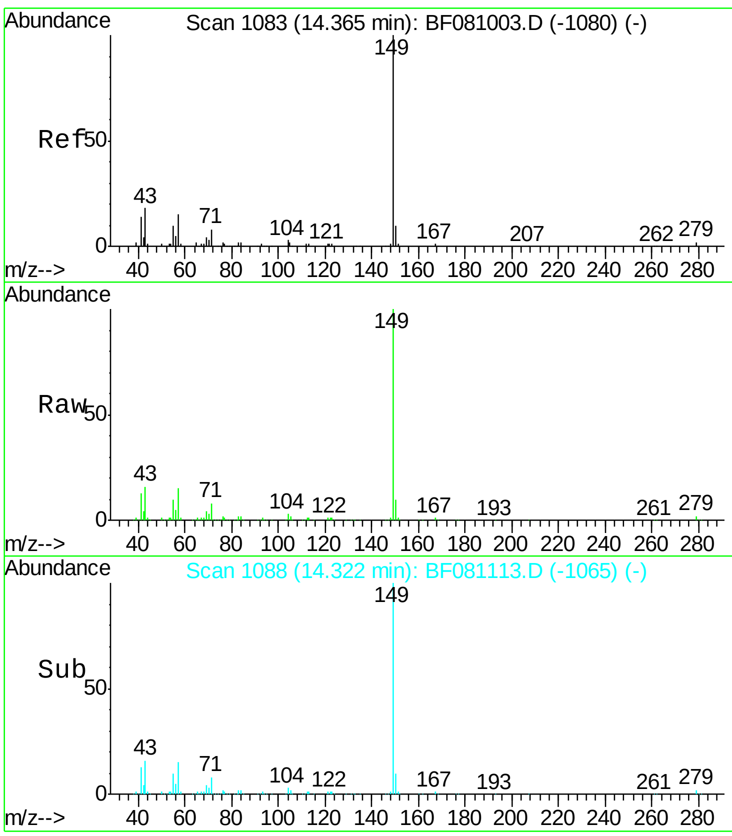
#83
Bis(2-ethylhexyl)phthalate
Concen: 55.28 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 423166

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.7	31.1
279	1.7	2.2	3.4#

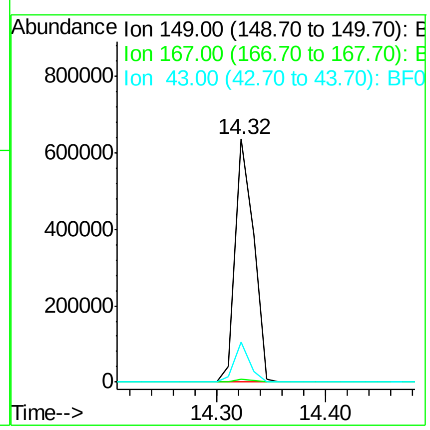


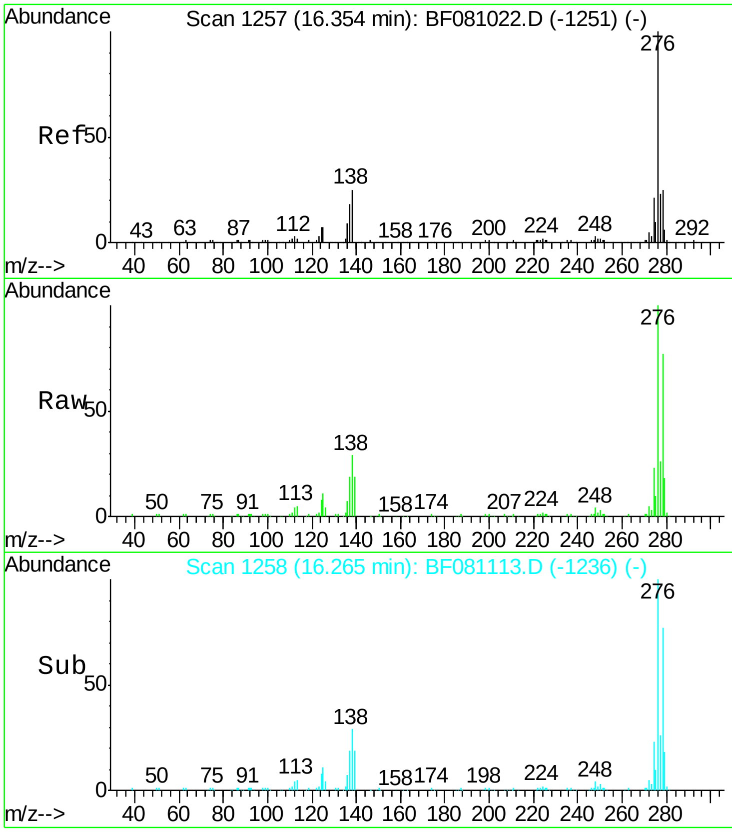


#84
Di-n-octyl phthalate
Concen: 63.42 ng
RT: 14.32 min Scan# 1088
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:149 Resp: 737894

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.8	11.6	17.4



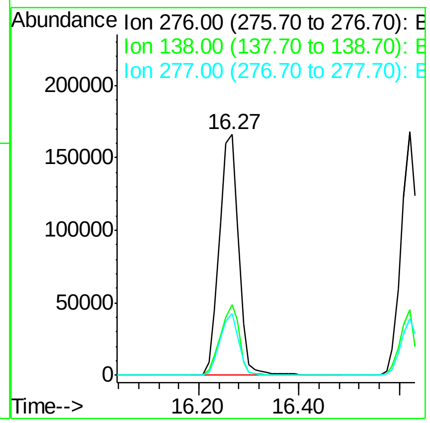


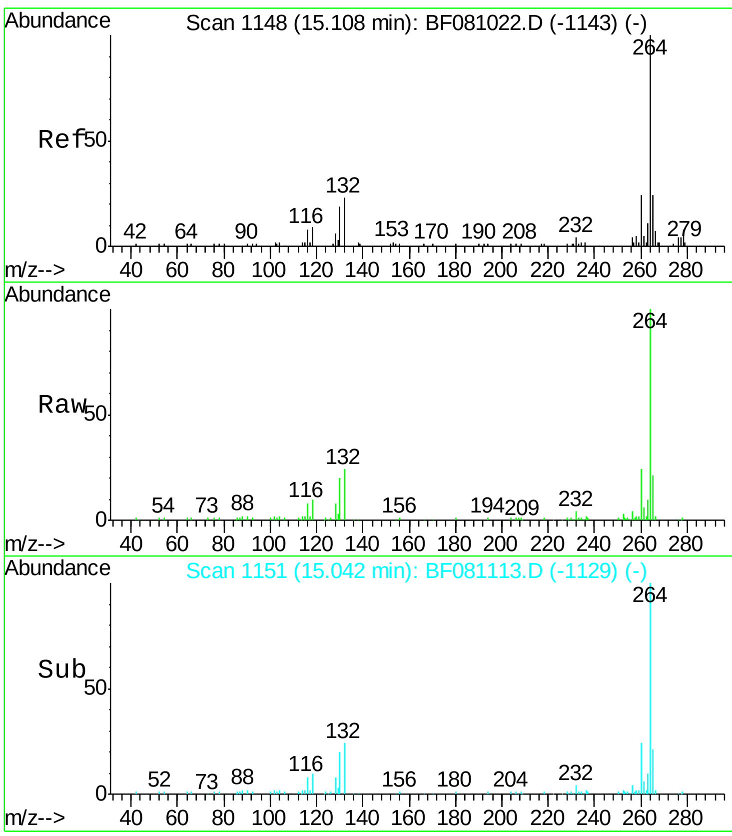
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.33 ng
RT: 16.27 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 445094

Ion	Ratio	Lower	Upper
276	100		
138	29.1	18.6	28.0#
277	24.9	19.8	29.8

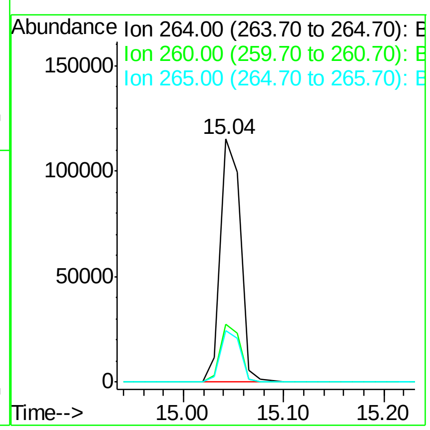


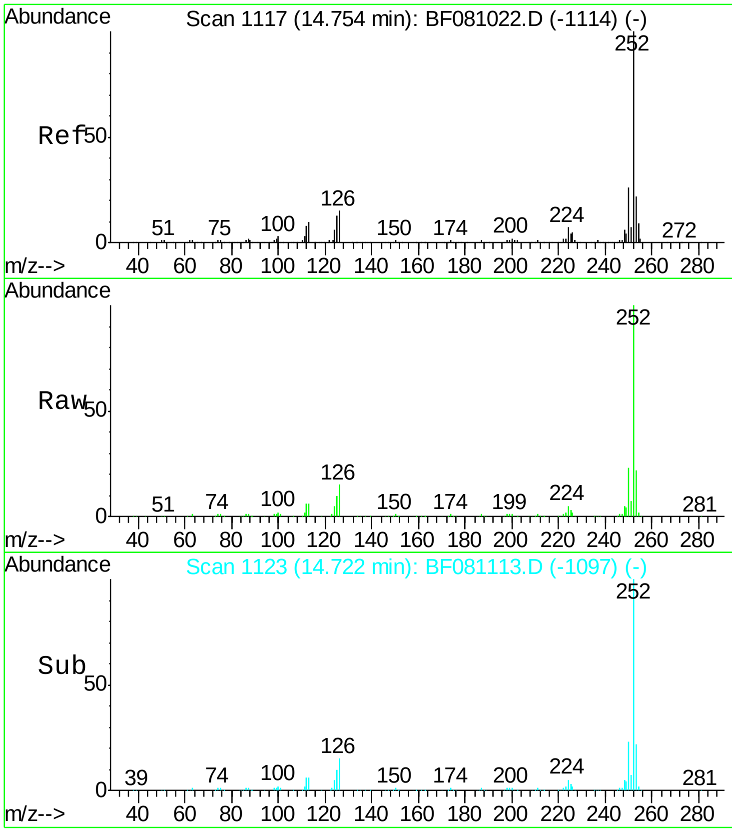


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:264 Resp: 162154

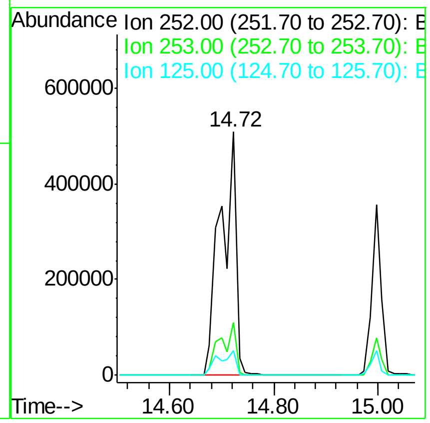
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.1	17.5	26.3

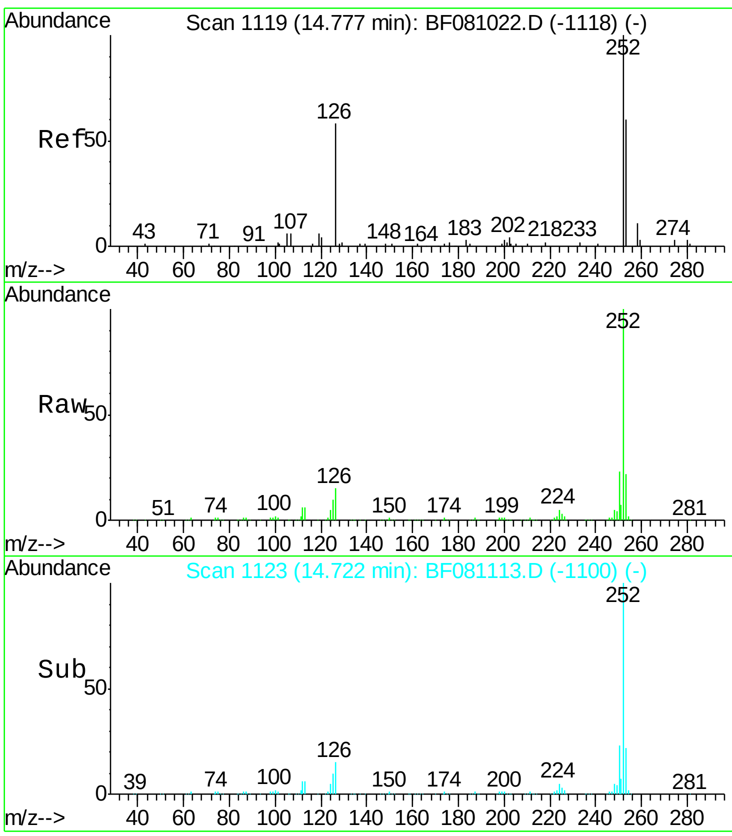




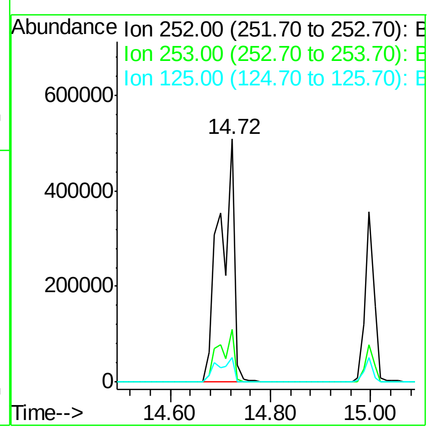

```
#87
Benzo(b)fluoranthene
Concen:    90.71 ng
RT: 14.72 min   Scan# 1123
Delta R.T.    -0.01 min
Lab File:    BF081113.D
Acq: 20 Aug 2015    7:45

Tgt Ion:252 Resp: 1040416
Ion  Ratio   Lower   Upper
252  100
253   22.0    17.1    25.7
125   10.2     8.0    12.0
```

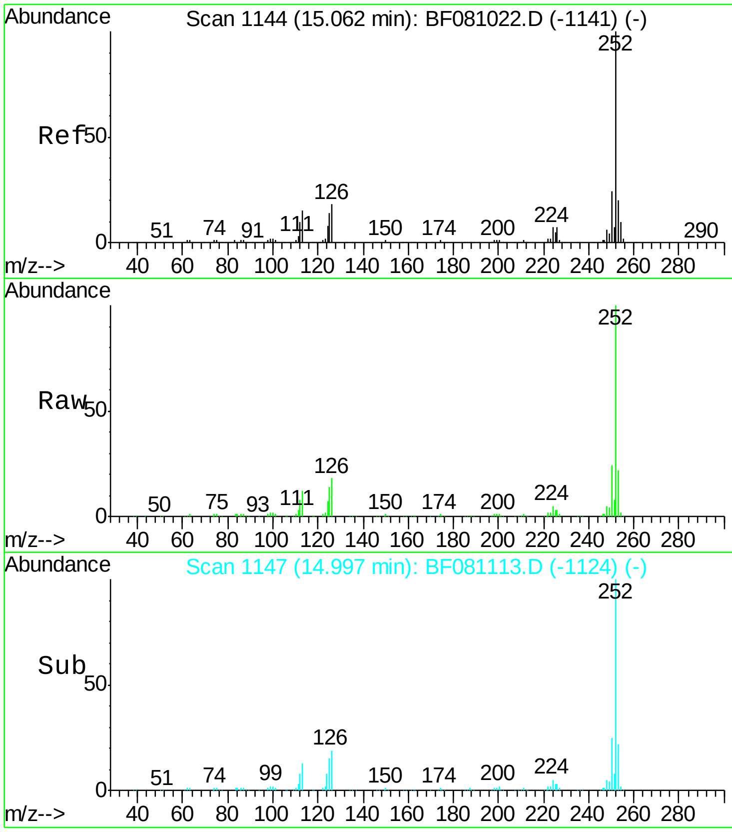
Instrument :
BNA_F
ClientSampleId :






```
#88
Benzo(k)fluoranthene
Concen:    97.34 ng
RT: 14.72 min   Scan# 1123
Delta R.T.    -0.04 min
Lab File:    BF081113.D
Acq: 20 Aug 2015    7:45

Tgt Ion:252 Resp: 1040369
Ion  Ratio   Lower   Upper
252  100
253   22.0    17.6    26.4
125   10.2    10.3    15.5#
```



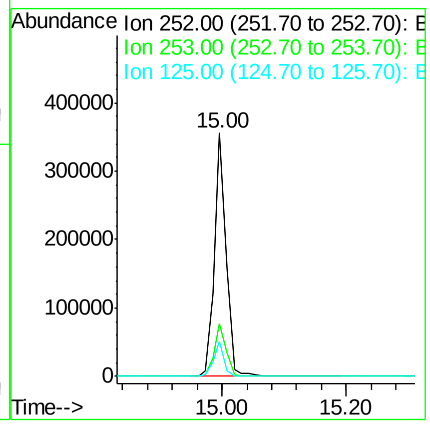


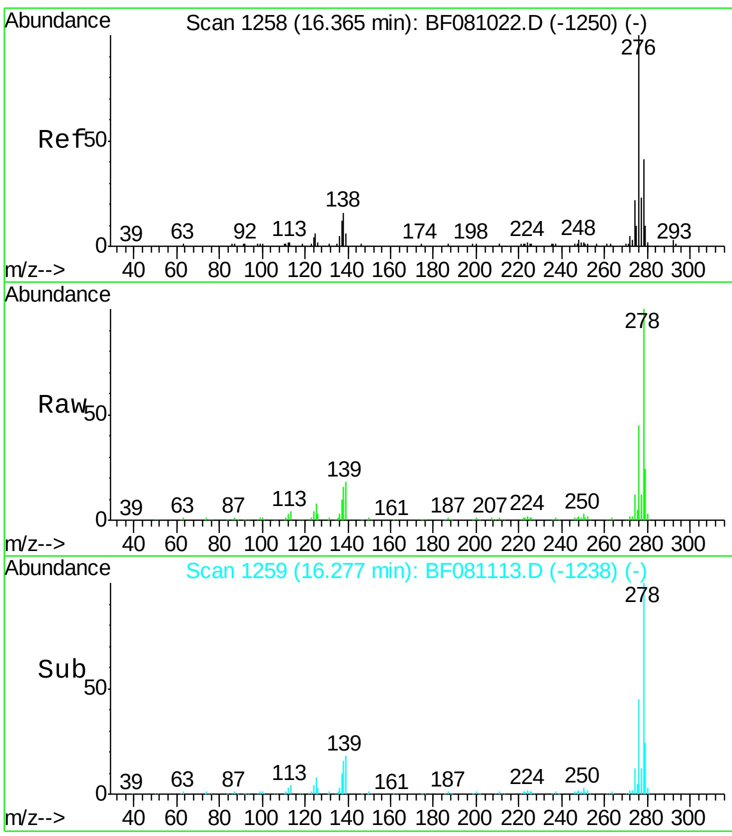
#89
Benzo(a)pyrene
Concen: 45.93 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 459053

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	14.2	7.8	11.8#

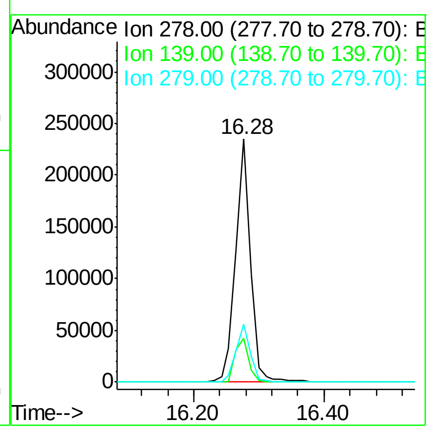


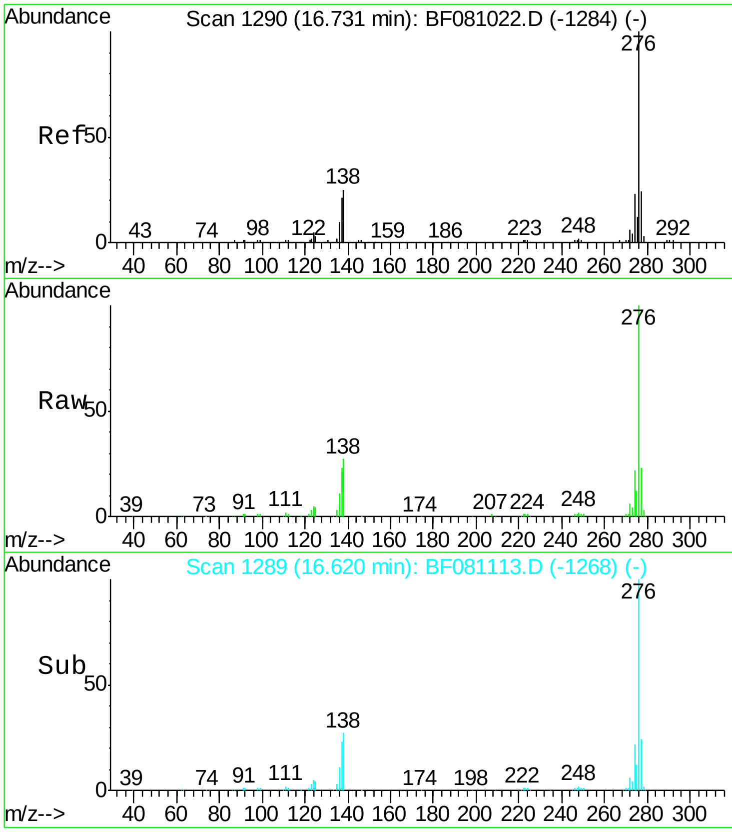


#90
Dibenzo(a,h)anthracene
Concen: 47.65 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Tgt Ion:278 Resp: 371034

Ion	Ratio	Lower	Upper
278	100		
139	18.2	10.8	16.2#
279	23.9	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 45.99 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF081113.D
Acq: 20 Aug 2015 7:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 363379

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.2	27.2
138	26.9	13.7	20.5#