Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080338.D
Acq On : 3 Jul 2015 11:53
Operator : TP/IZ
Sample : G2873-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOMNW-2-070115MSD

Quant Time: Jul 03 23:04:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	32500	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	126535	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	61757	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	133317	20.00	ng		0.00
75) Chrysene-d12	14.77	240	136321	20.00	ng		0.06
86) Perylene-d12	16.64	264	128180	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	293023	156.13	ng		0.00
7) Phenol-d6	6.85	99	392294	155.71	ng		0.01
23) Nitrobenzene-d5	7.80	82	234958	102.24	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	104349	177.45	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	406551	94.75	ng		0.00
78) Terphenyl-d14	13.49	244	490678	84.31	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	31043	137.83	ng	#	100
3) Pyridine	3.89	79	119687	51.52	ng		99
4) n-Nitrosodimethylamine	3.79	42	54092	52.28	ng		87
6) Aniline	6.90	93	152046	45.13	ng		91
8) 2-Chlorophenol	7.02	128	113543	55.07	ng		92
9) Benzaldehyde	6.78	77	60704	44.09	ng		95
10) Phenol	6.86	94	148046	53.13	ng		88
11) bis(2-Chloroethyl)ether	6.96	93	95667	45.39	ng		90
12) 1,3-Dichlorobenzene	7.18	146	126060	50.09	ng		97
13) 1,4-Dichlorobenzene	7.18	146	126060	50.31	ng		97
14) 1,2-Dichlorobenzene	7.41	146	120605	48.45	ng		97
15) Benzyl Alcohol	7.37	79	99334	51.22	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	164154	50.76	ng		100
17) 2-Methylphenol	7.48	107	83493	46.85	ng		94
18) Hexachloroethane	7.77	117	38767	49.56	ng	#	65
19) n-Nitroso-di-n-propylamine	7.64	70	76802	45.85	ng	#	87
20) 3+4-Methylphenols	7.63	107	120065	50.72	ng		91
22) Acetophenone	7.64	105	160028	54.13	ng	#	93
24) Nitrobenzene	7.81	77	111602	46.83	ng		93
25) Isophorone	8.05	82	217794	48.76	ng		96
26) 2-Nitrophenol	8.14	139	50880	48.89	ng	#	76
27) 2,4-Dimethylphenol	8.17	122	97904	51.25	ng		94
28) bis(2-Chloroethoxy)methane	8.26	93	140657	52.47	ng		99
29) 2,4-Dichlorophenol	8.38	162	91634	51.93	ng		90
30) 1,2,4-Trichlorobenzene	8.48	180	94952	46.13	ng	#	90
31) Naphthalene	8.56	128	333874	51.80	ng		99
32) Benzoic acid	8.21	122	11102	25.40	ng		93
33) 4-Chloroaniline	8.59	127	162184	59.30	ng	#	94
34) Hexachlorobutadiene	8.67	225	62524	48.22	ng		99
35) Caprolactam	8.92	113	26421	49.35	ng	#	87
36) 4-Chloro-3-methylphenol	9.06	107	92865	48.61	ng		89
37) 2-Methylnaphthalene	9.24	142	214033	48.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	97915	47.64	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	79344	96.32	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080338.D
Acq On : 3 Jul 2015 11:53
Operator : TP/IZ
Sample : G2873-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOMNW-2-070115MSD

Quant Time: Jul 03 23:04:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	62510	48.05	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	79151	56.47	ng	#	92
45) 1,1'-Biphenyl	9.71	154	291622	55.53	ng		98
46) 2-Chloronaphthalene	9.74	162	210267	51.72	ng	#	91
47) 2-Nitroaniline	9.82	65	67144	57.43	ng	#	79
48) Acenaphthylene	10.16	152	344584	48.81	ng		99
49) Dimethylphthalate	10.00	163	318448	67.50	ng		98
50) 2,6-Dinitrotoluene	10.06	165	55278	57.32	ng	#	62
51) Acenaphthene	10.34	154	216030	53.15	ng		92
52) 3-Nitroaniline	10.24	138	58819	53.17	ng	#	81
53) 2,4-Dinitrophenol	10.34	184	34413	84.82	ng	#	66
54) Dibenzofuran	10.51	168	310532	54.13	ng		90
55) 4-Nitrophenol	10.38	139	99805	122.05	ng	#	81
56) 2,4-Dinitrotoluene	10.48	165	69994	55.97	ng	#	67
57) Fluorene	10.85	166	267835	56.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.62	232	62769	57.47	ng		94
59) Diethylphthalate	10.70	149	265969	59.32	ng		94
60) 4-Chlorophenyl-phenylether	10.84	204	117253	54.50	ng	#	79
61) 4-Nitroaniline	10.85	138	57625	51.25	ng		84
62) Azobenzene	11.00	77	238842	51.78	ng		85
64) 4,6-Dinitro-2-methylphenol	10.89	198	35288	56.13	ng	#	50
65) n-Nitrosodiphenylamine	10.96	169	210311	48.01	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	79039	54.86	ng	#	91
67) Hexachlorobenzene	11.41	284	82423	53.37	ng	#	92
68) Atrazine	11.47	200	70333	53.11	ng		95
69) Pentachlorophenol	11.60	266	81113	95.40	ng		98
70) Phenanthrene	11.82	178	391496	49.01	ng		99
71) Anthracene	11.88	178	412798	53.86	ng		100
72) Carbazole	12.03	167	370404	51.68	ng		98
73) Di-n-butylphthalate	12.36	149	420956	54.75	ng		100
74) Fluoranthene	13.08	202	417607	50.60	ng		96
76) Benzidine	13.21	184	273015	68.39	ng		100
77) Pyrene	13.35	202	452258	51.83	ng		99
79) Butylbenzylphthalate	14.04	149	180657	54.00	ng	#	78
80) Benzo(a)anthracene	14.76	228	425150	51.61	ng		98
81) 3,3'-Dichlorobenzidine	14.71	252	143056	53.19	ng		99
82) Chrysene	14.81	228	392358	51.66	ng		98
83) Bis(2-ethylhexyl)phthalate	14.75	149	265009	56.27	ng	#	99
84) Di-n-octyl phthalate	15.56	149	425969	53.68	ng		97
85) Indeno(1,2,3-cd)pyrene	18.42	276	464236	54.37	ng		99
87) Benzo(b)fluoranthene	16.12	252	412455	50.94	ng	#	96
88) Benzo(k)fluoranthene	16.16	252	420922	55.20	ng	#	97
89) Benzo(a)pyrene	16.57	252	407884	55.28	ng	#	96
90) Dibenzo(a,h)anthracene	18.44	278	390043	56.34	ng		99
91) Benzo(g,h,i)perylene	18.96	276	399827	55.36	ng		99

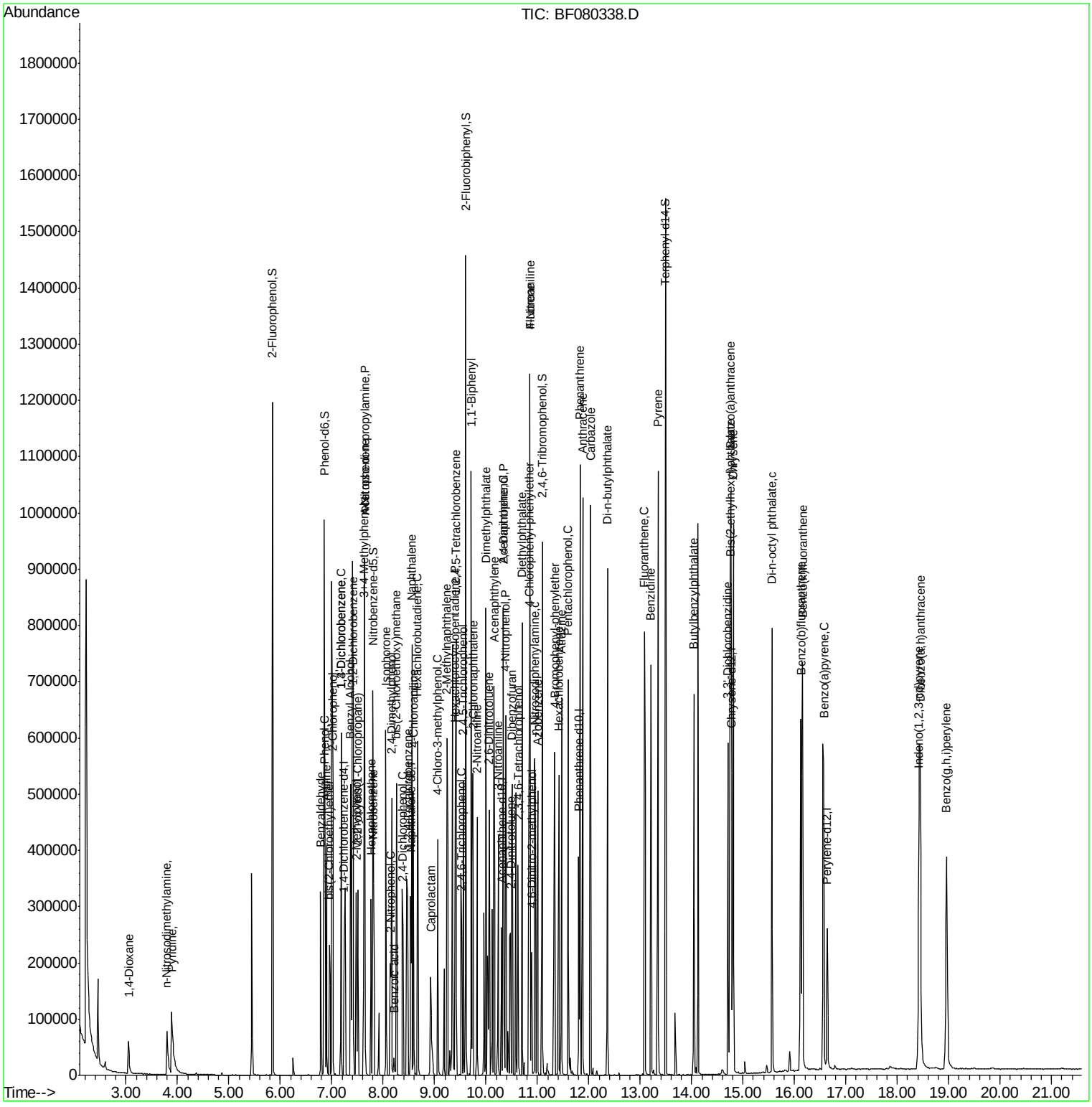
(#) = qualifier out of range (m) = manual integration (+) = signals summed

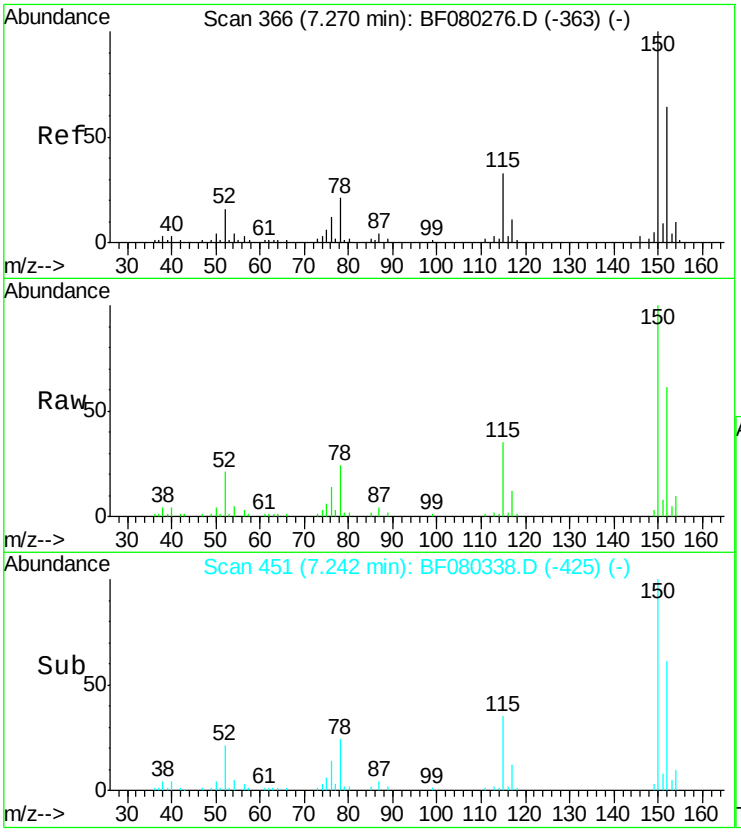
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080338.D
Acq On : 3 Jul 2015 11:53
Operator : TP/IZ
Sample : G2873-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Quant Time: Jul 03 23:04:55 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration



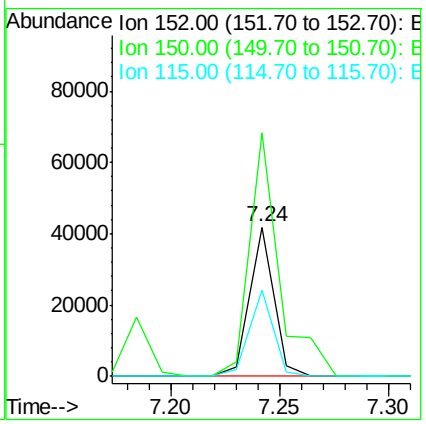


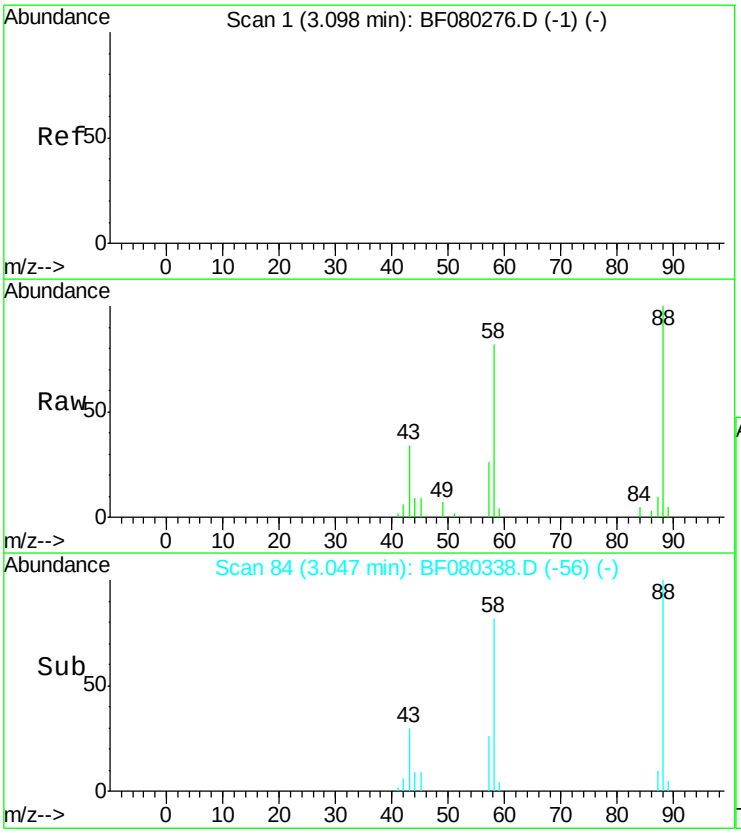
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:152 Resp: 32500

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.7	187.1
115	57.4	41.0	61.6

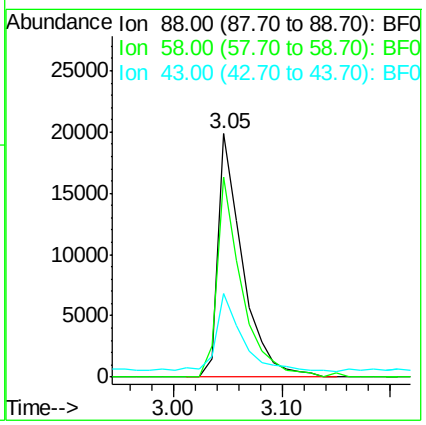


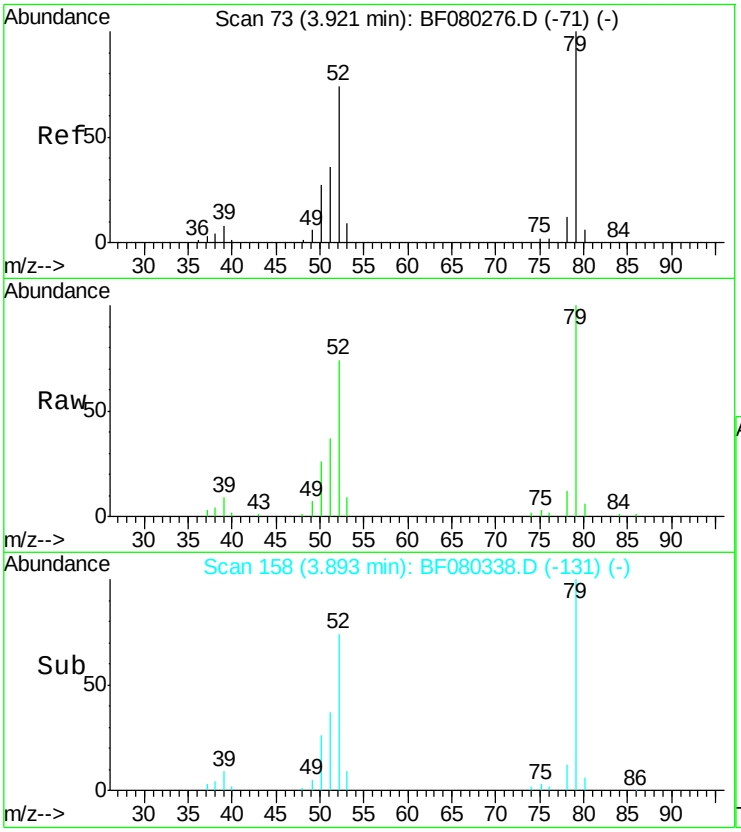


#2
1,4-Dioxane
Concen: 137.83 ng
RT: 3.05 min Scan# 84
Delta R.T. 0.02 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 88 Resp: 31043

Ion	Ratio	Lower	Upper
88	100		
58	83.8	0.0	0.0#
43	34.3	0.0	0.0#



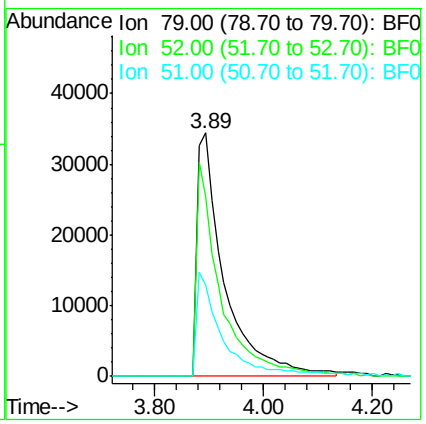


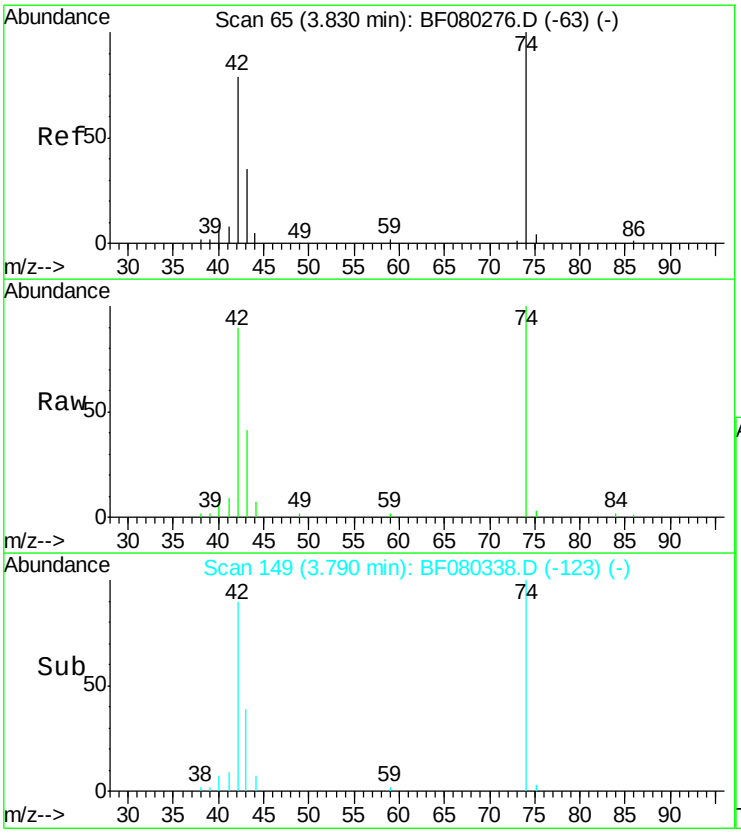
#3
Pyridine
Concen: 51.52 ng
RT: 3.89 min Scan# 158
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 79 Resp: 119687

Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.3	88.9
51	37.5	29.0	43.6

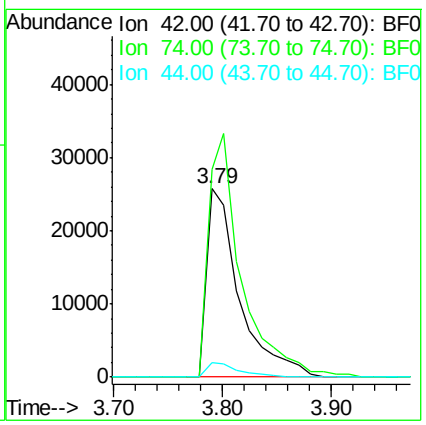


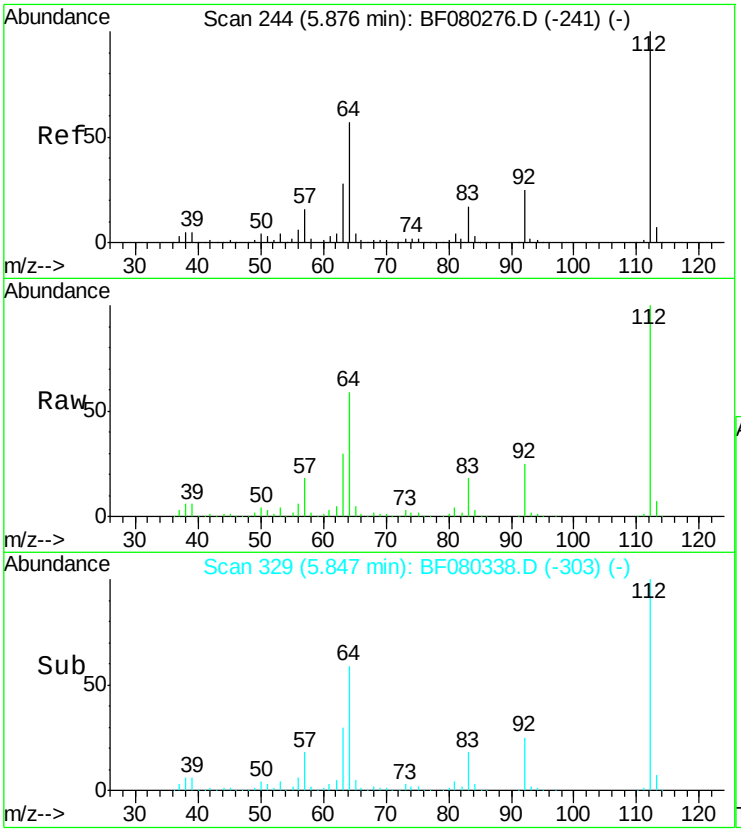


#4
n-Nitrosodimethylamine
Concen: 52.28 ng
RT: 3.79 min Scan# 149
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 42 Resp: 54092

Ion	Ratio	Lower	Upper
42	100		
74	110.6	101.4	152.2
44	7.6	6.3	9.5



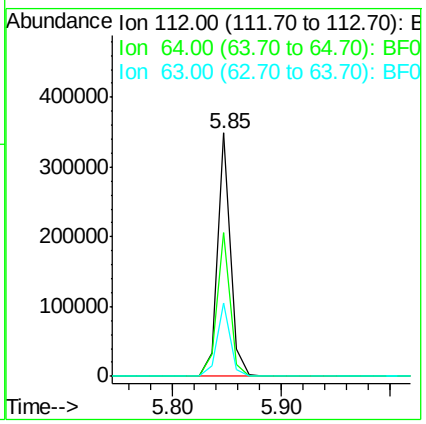


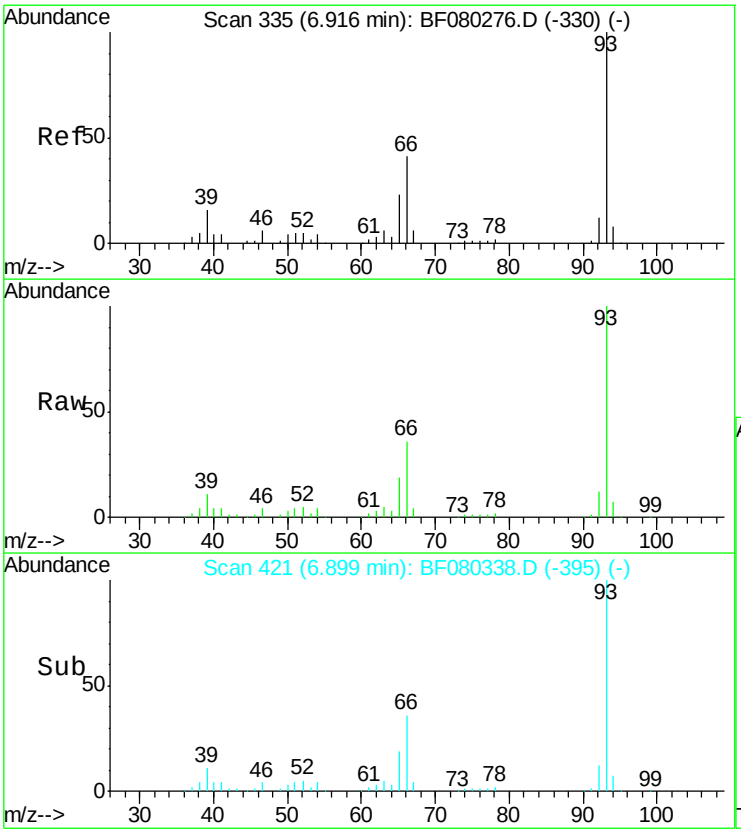
#5
2-Fluorophenol
Concen: 156.13 ng
RT: 5.85 min Scan# 329
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:112 Resp: 293023

Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.5	68.3
63	30.3	22.4	33.6

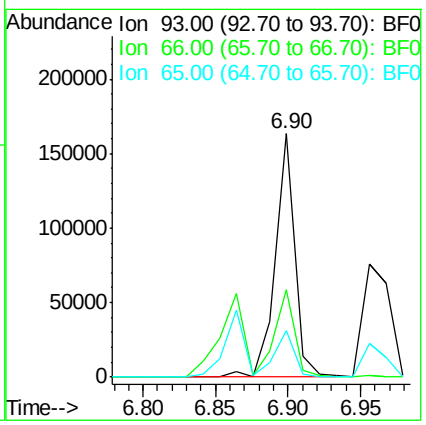


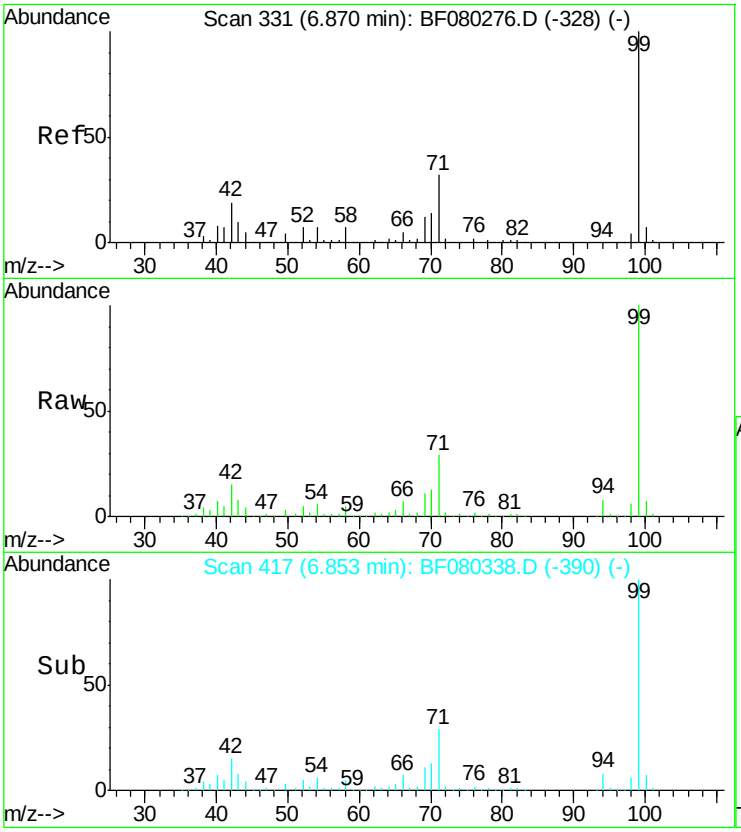


#6
Aniline
Concen: 45.13 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 93 Resp: 152046

Ion	Ratio	Lower	Upper
93	100		
66	35.8	33.7	50.5
65	19.0	18.3	27.5



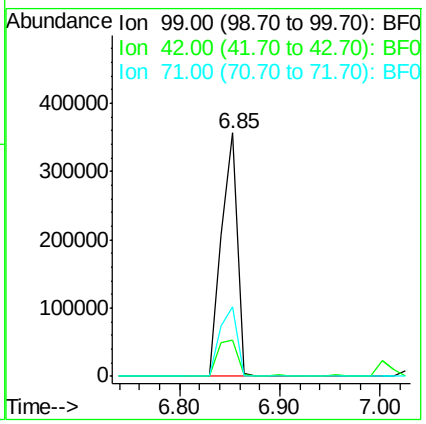


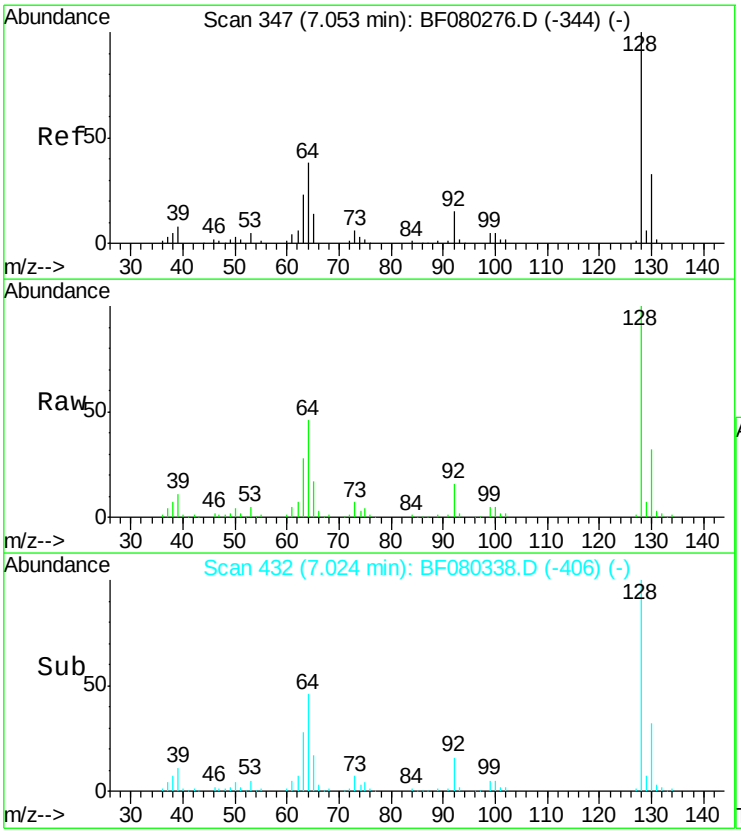
#7
Phenol-d6
Concen: 155.71 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 99 Resp: 392294

Ion	Ratio	Lower	Upper
99	100		
42	15.0	15.4	23.2#
71	28.6	25.8	38.8

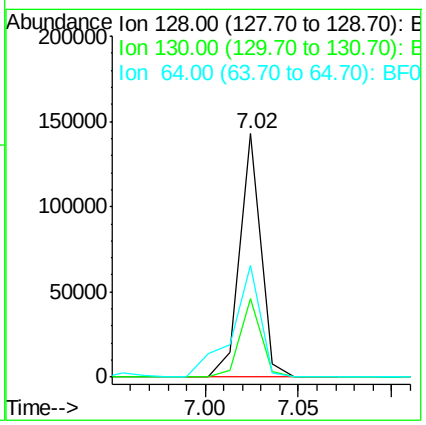


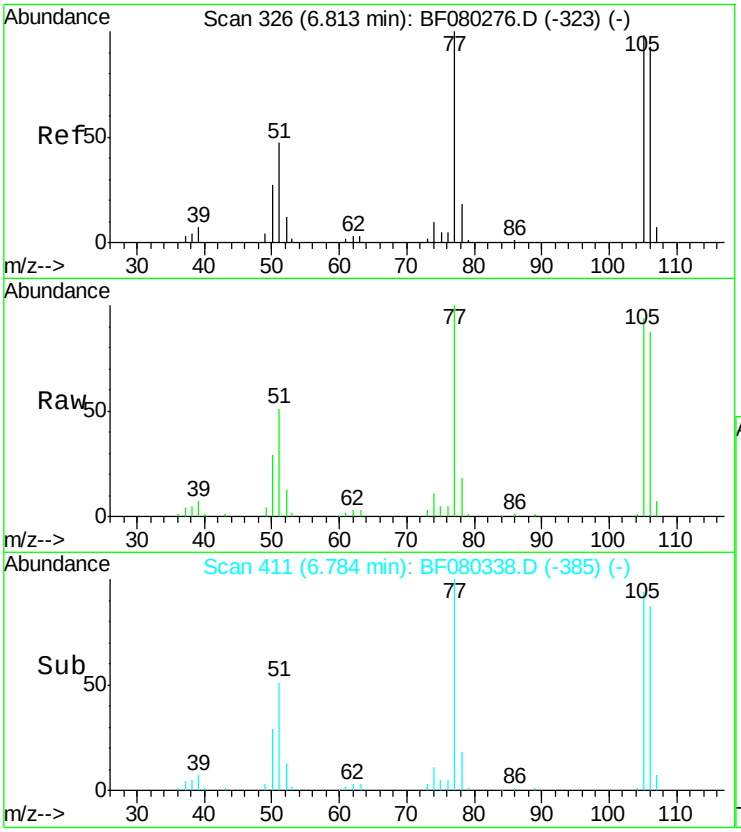


#8
2-Chlorophenol
Concen: 55.07 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:128 Resp: 113543

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.4	53.4
64	46.1	18.5	58.5



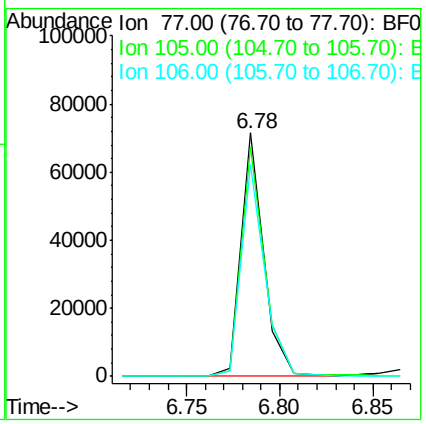


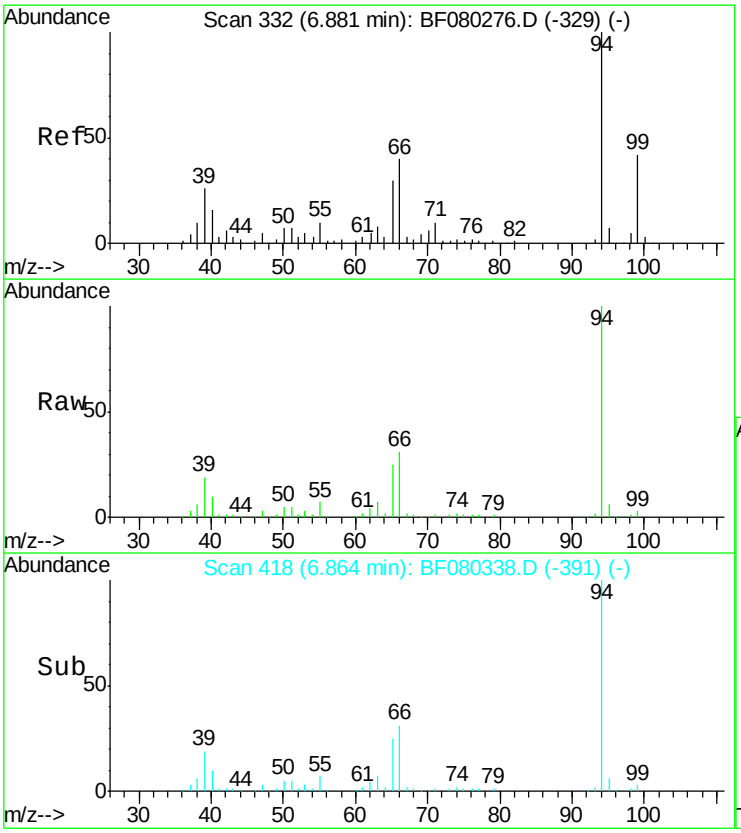
#9
Benzaldehyde
Concen: 44.09 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 77 Resp: 60704

Ion	Ratio	Lower	Upper
77	100		
105	94.1	78.2	118.2
106	86.9	72.5	112.5

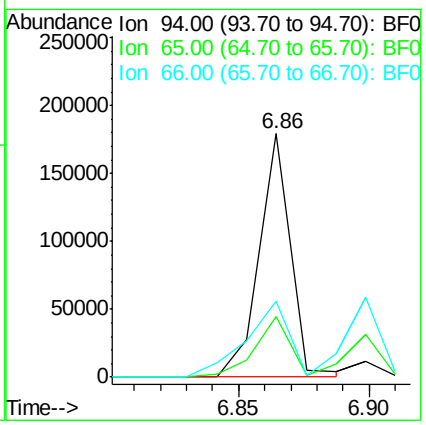


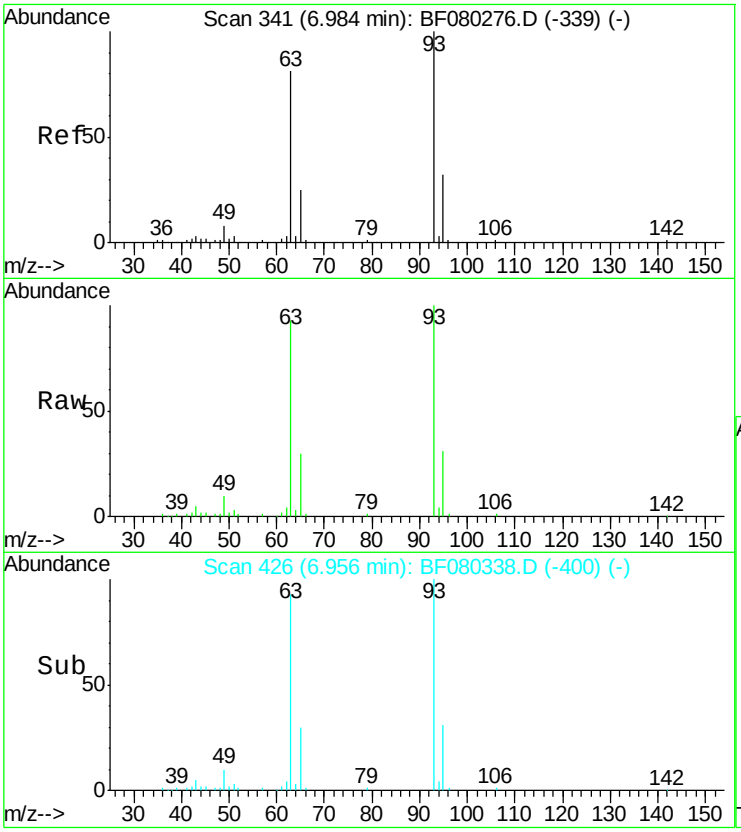


#10
Phenol
Concen: 53.13 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 94 Resp: 148046

Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.6	49.6
66	31.2	19.7	59.7



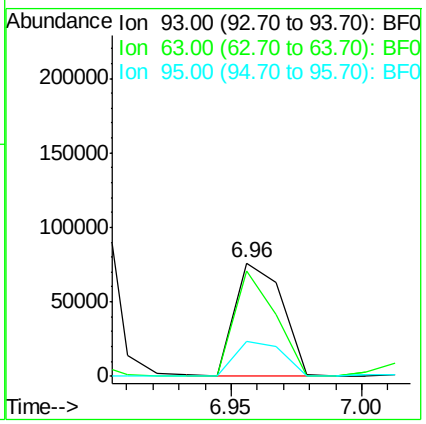


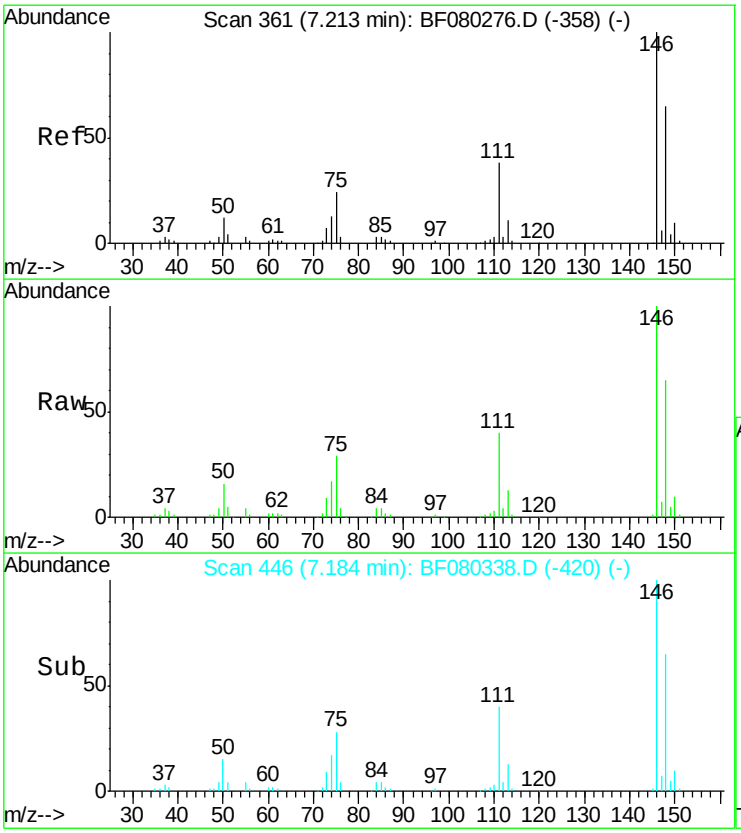
#11
bis(2-Chloroethyl)ether
Concen: 45.39 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 93 Resp: 95667

Ion	Ratio	Lower	Upper
93	100		
63	92.8	61.0	101.0
95	31.3	12.0	52.0

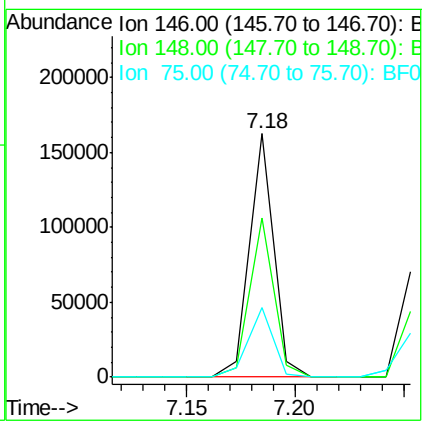


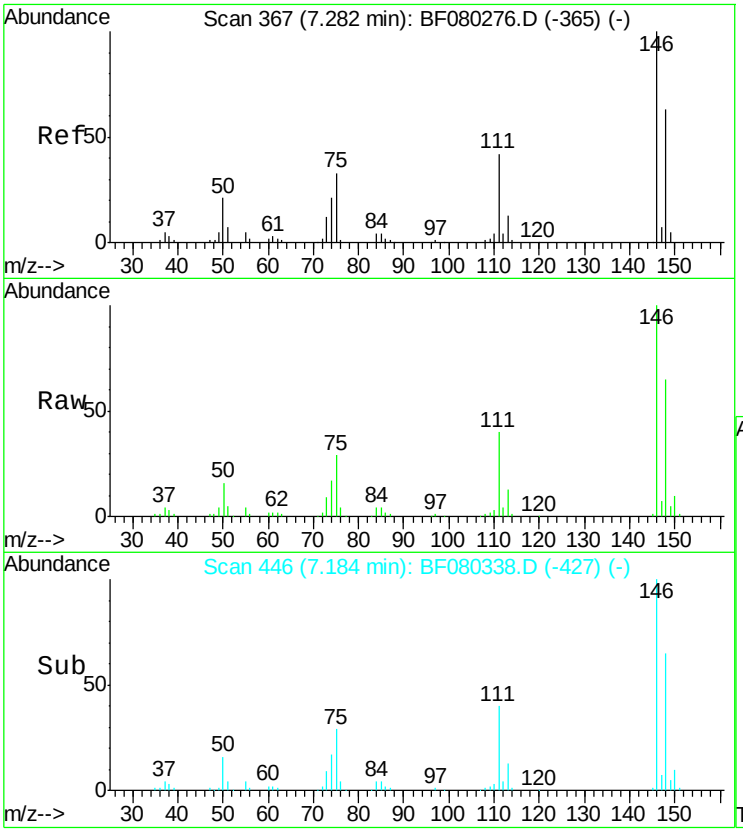


#12
1,3-Dichlorobenzene
Concen: 50.09 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:146 Resp: 126060

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
75	28.7	19.4	29.2



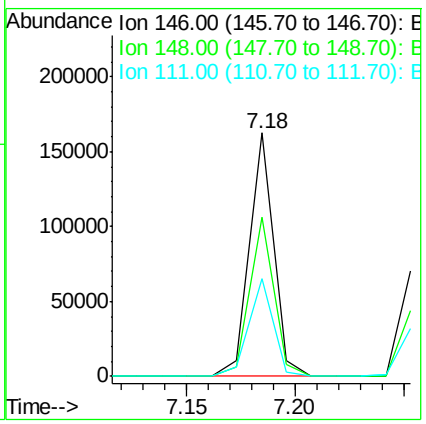


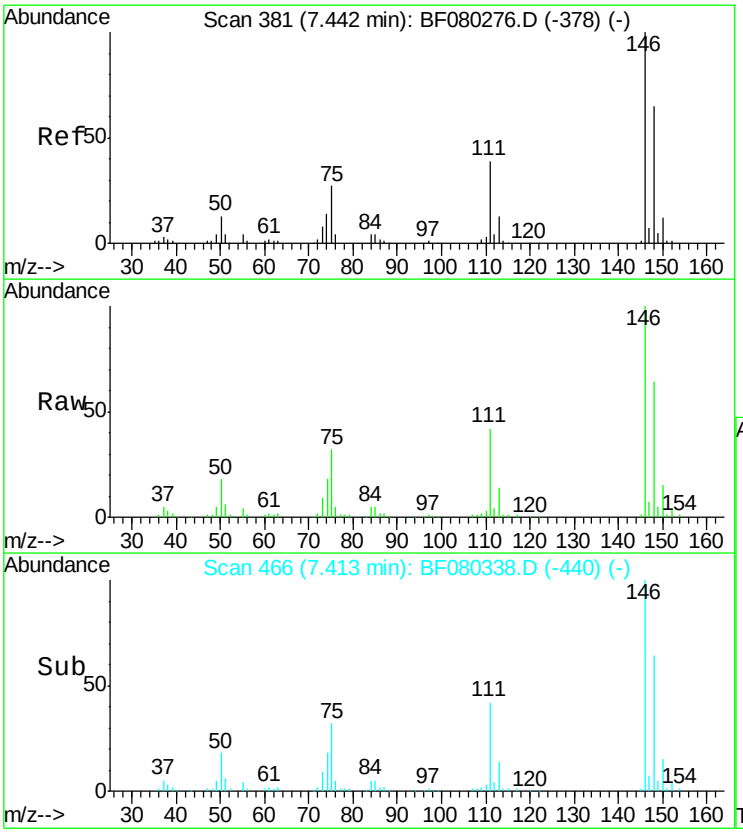
#13
1,4-Dichlorobenzene
Concen: 50.31 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:146 Resp: 126060

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.2	75.2
111	40.0	33.8	50.8

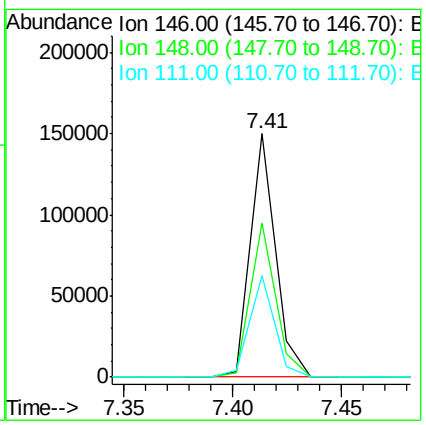


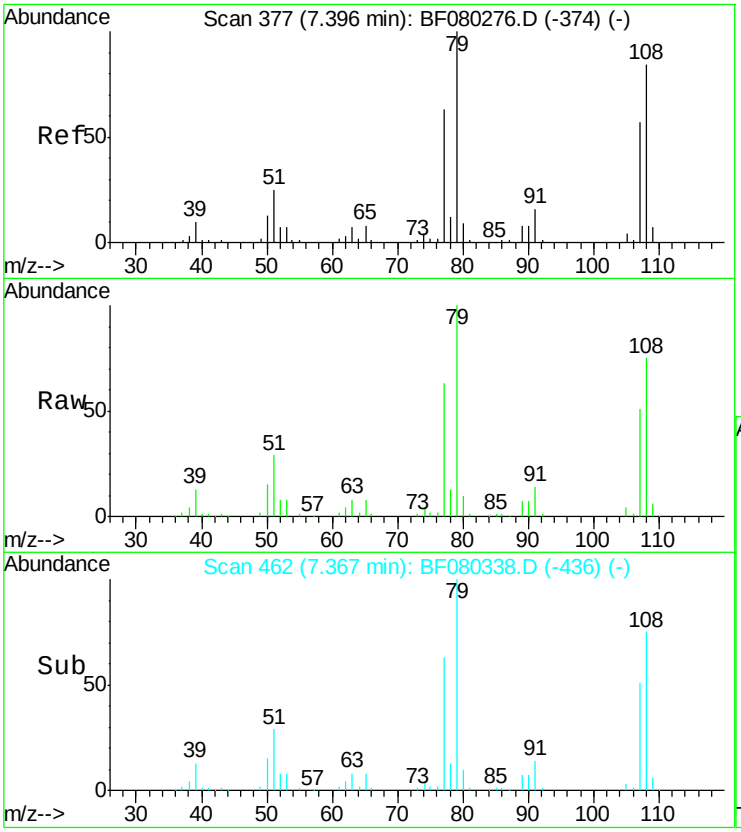


#14
1,2-Dichlorobenzene
Concen: 48.45 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:146 Resp: 120605

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	41.9	31.6	47.4



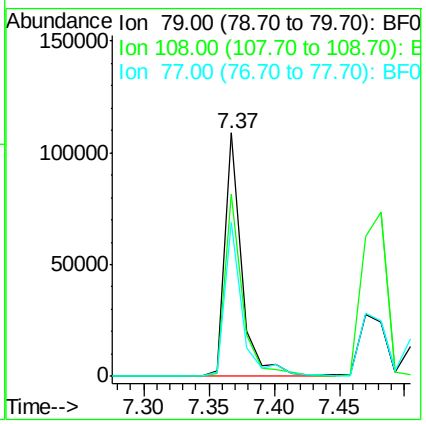


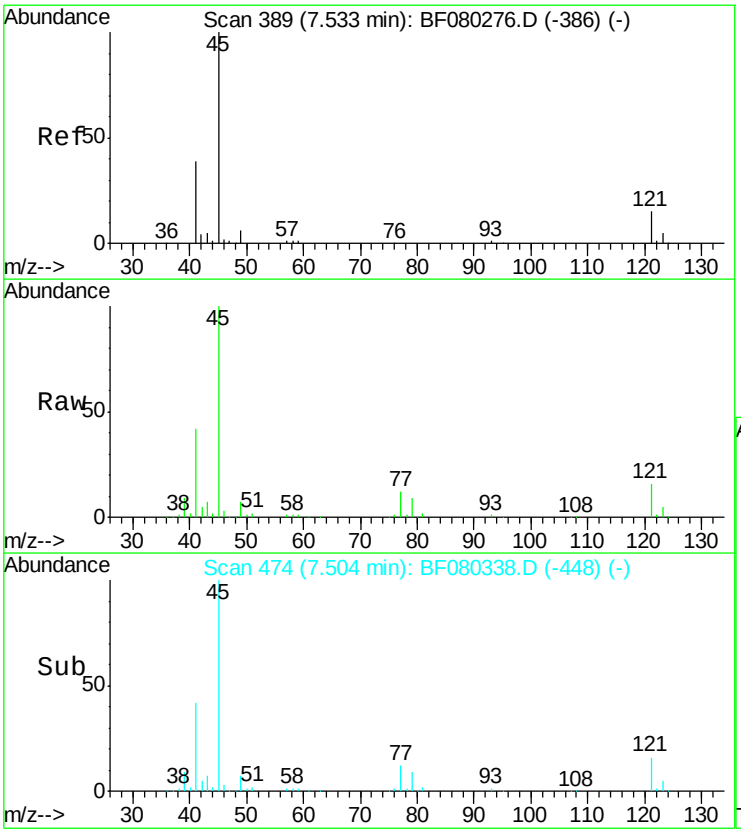
#15
Benzyl Alcohol
Concen: 51.22 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 79 Resp: 99334

Ion	Ratio	Lower	Upper
79	100		
108	75.1	67.1	100.7
77	63.1	50.7	76.1

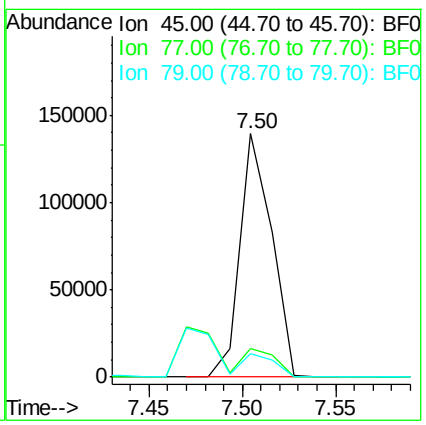


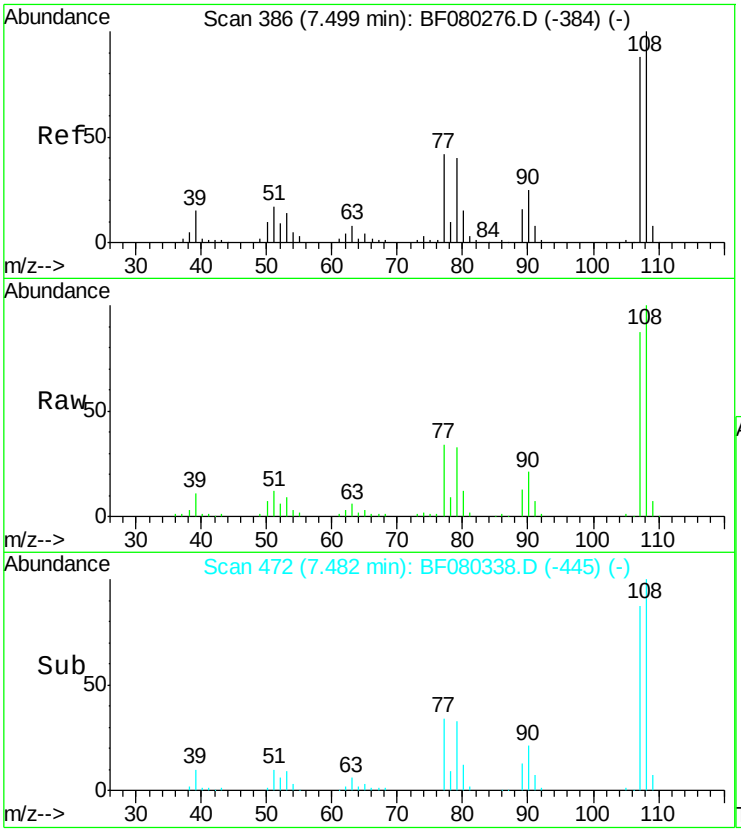


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.76 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 45 Resp: 164154

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	32.0
79	9.5	0.0	29.3



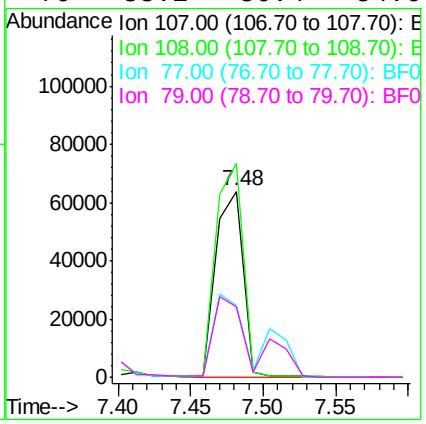


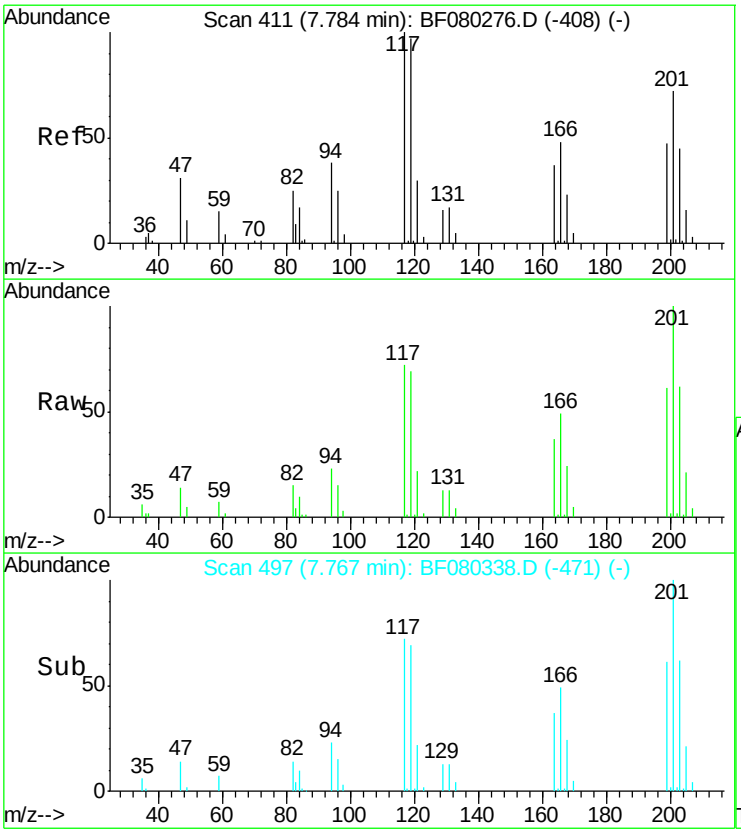
#17
2-Methylphenol
Concen: 46.85 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:107 Resp: 83493

Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.6	136.0
77	38.9	38.0	57.0
79	38.2	36.4	54.6

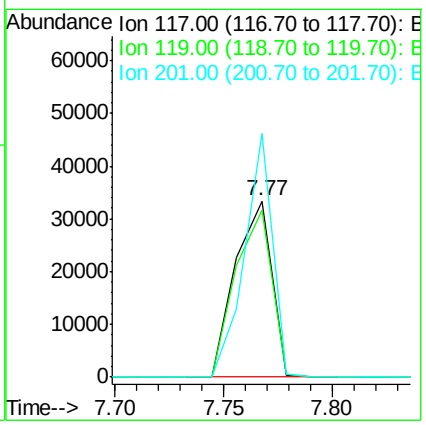


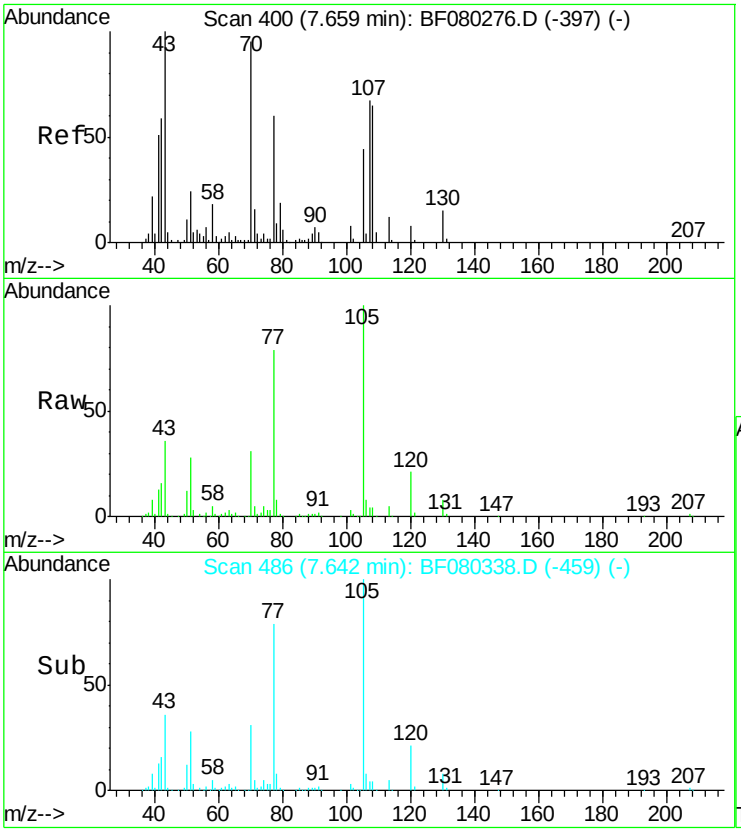


#18
Hexachloroethane
Concen: 49.56 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:117 Resp: 38767

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.3	115.9
201	138.2	57.5	86.3#



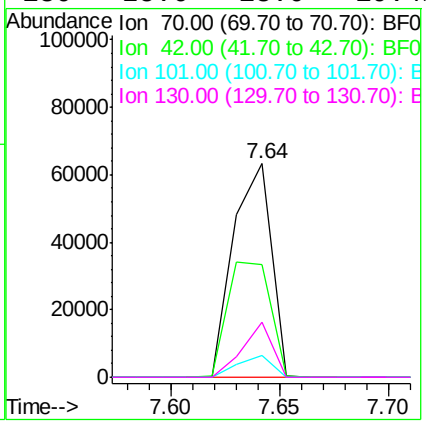


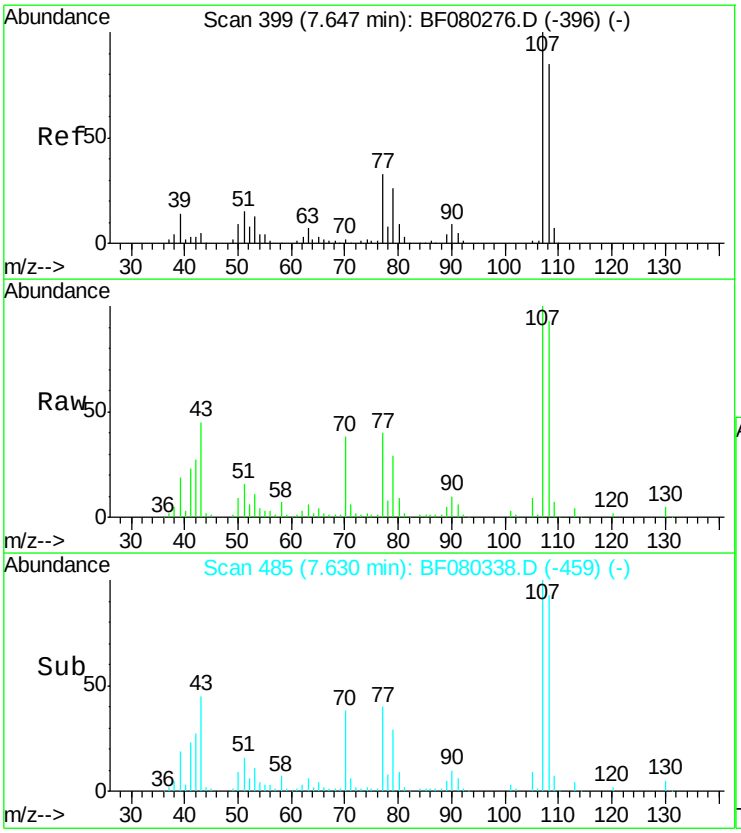
#19
n-Nitroso-di-n-propylamine
Concen: 45.85 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 70 Resp: 76802

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.8	74.8
101	10.0	6.8	10.2
130	25.6	13.0	19.4#

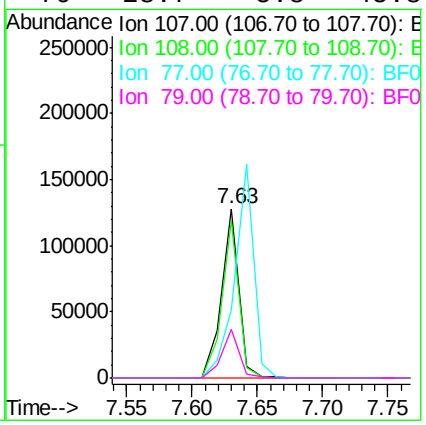


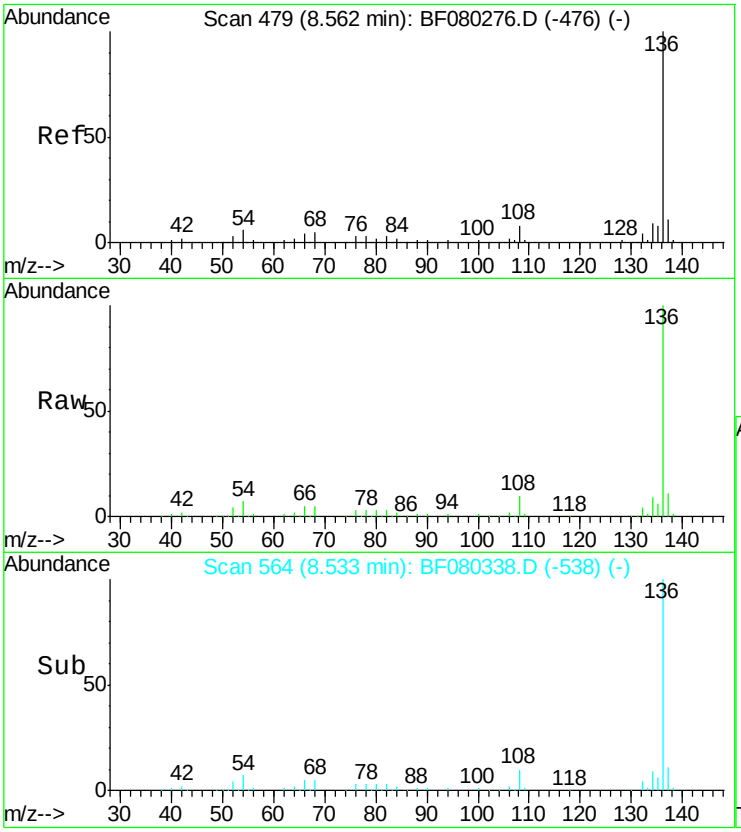


#20
3+4-Methylphenols
Concen: 50.72 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:107 Resp: 120065

Ion	Ratio	Lower	Upper
107	100		
108	92.9	64.9	104.9
77	40.4	12.9	52.9
79	28.7	5.8	45.8



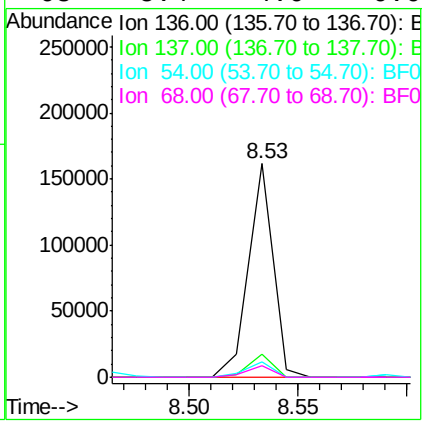


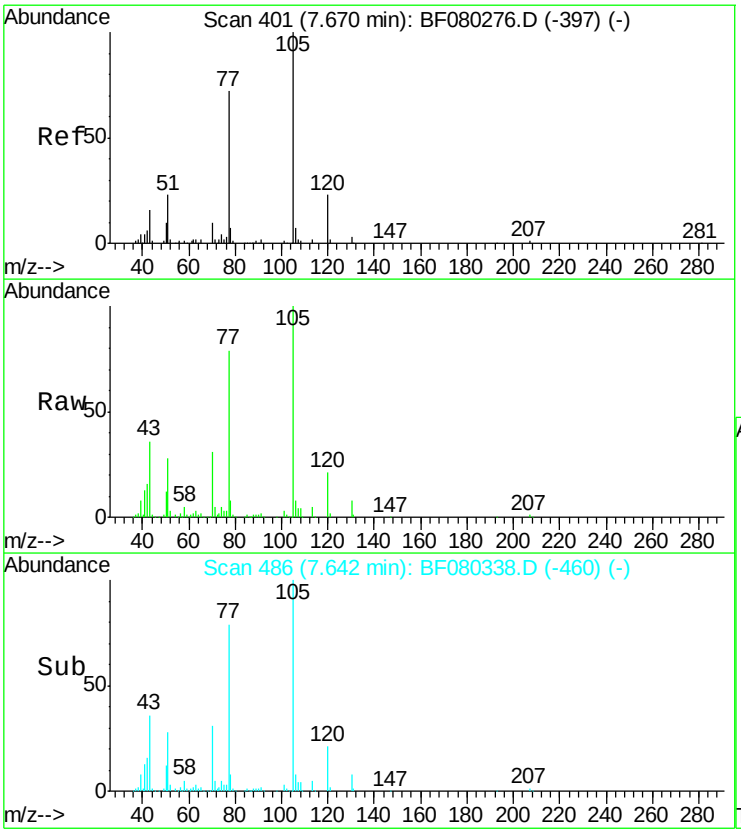
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:136 Resp: 126535

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.3	4.9	7.3
68	5.4	4.0	6.0

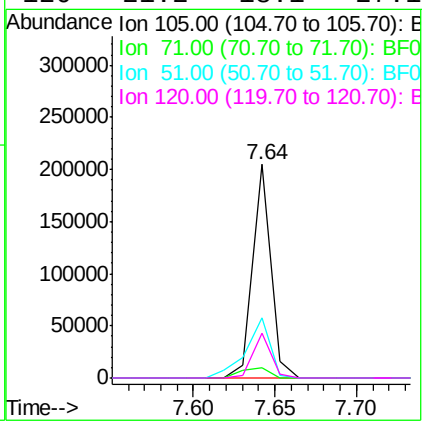


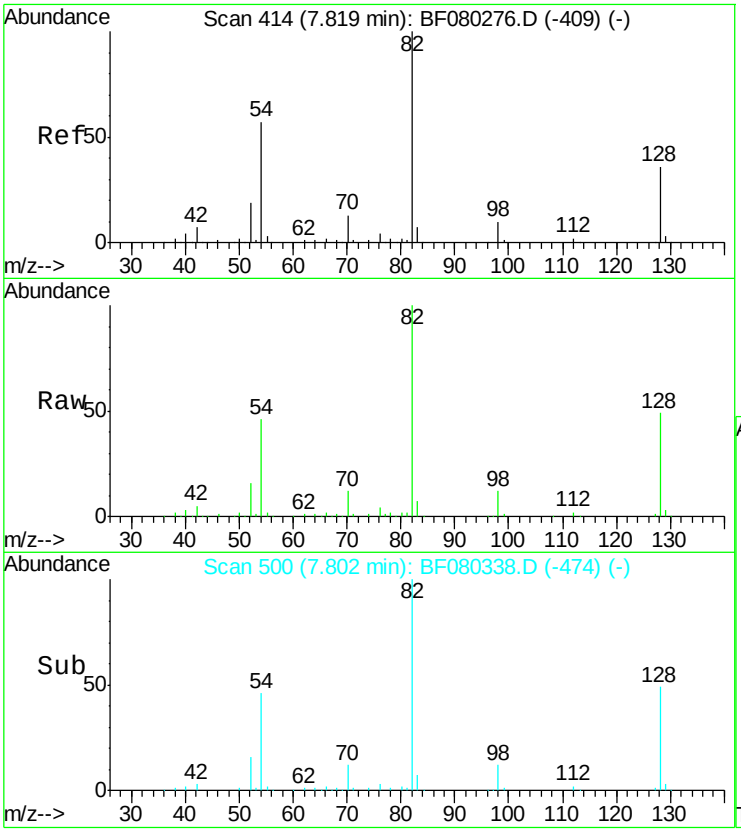


#22
Acetophenone
Concen: 54.13 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:105 Resp: 160028

Ion	Ratio	Lower	Upper
105	100		
71	5.1	1.4	2.0#
51	28.3	18.5	27.7#
120	21.2	18.1	27.1



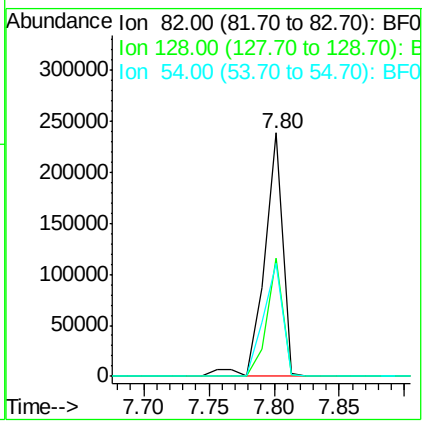


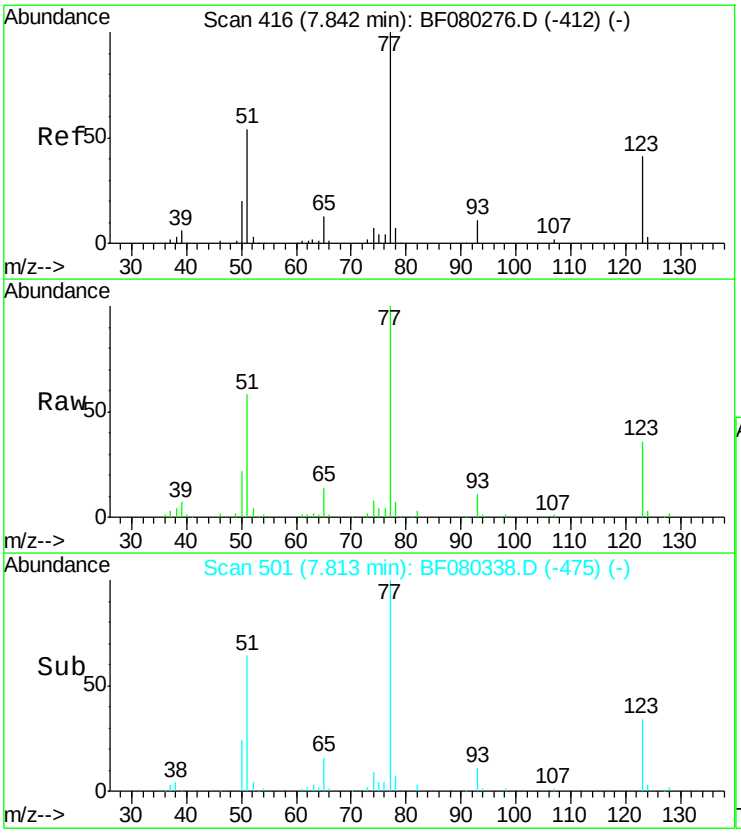
#23
Nitrobenzene-d5
Concen: 102.24 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 82 Resp: 234958

Ion	Ratio	Lower	Upper
82	100		
128	48.8	29.0	43.4#
54	46.4	45.3	67.9

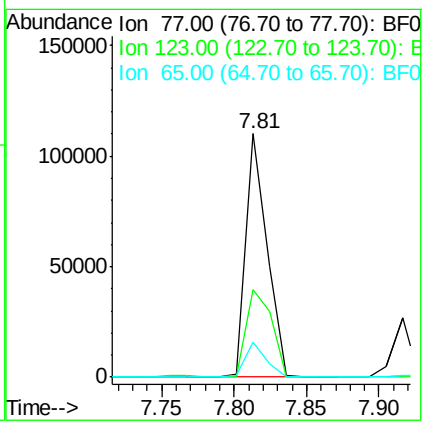


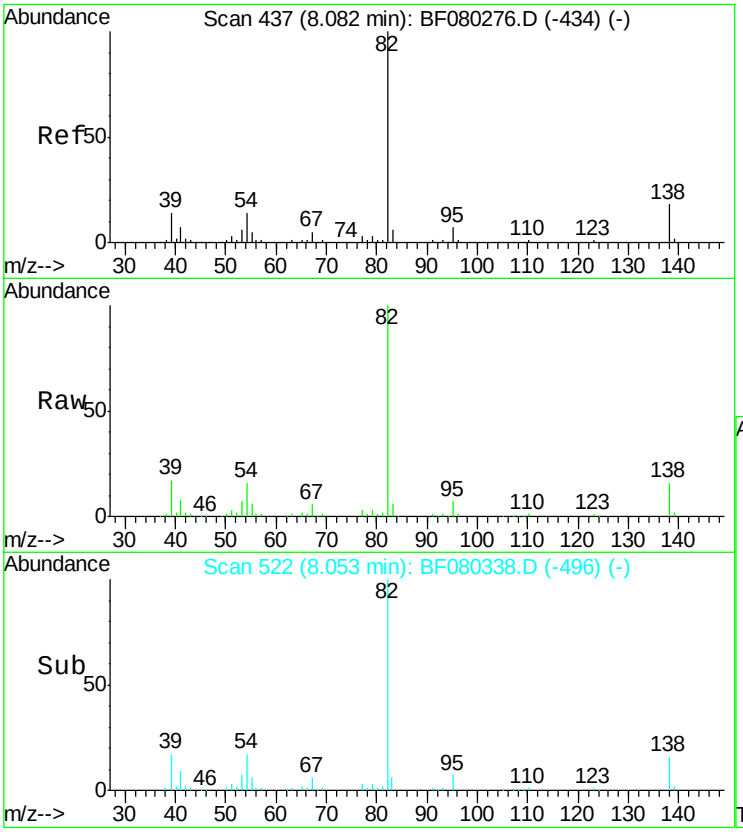


#24
Nitrobenzene
Concen: 46.83 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 77 Resp: 111602

Ion	Ratio	Lower	Upper
77	100		
123	36.1	33.0	49.6
65	14.2	10.6	15.8



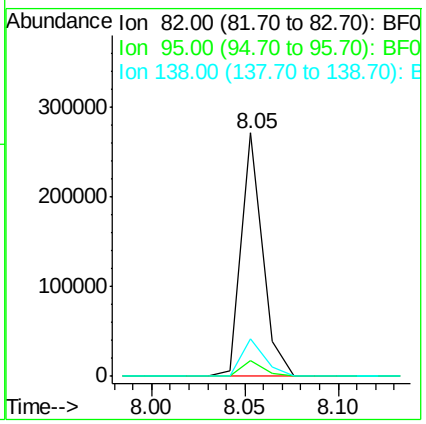


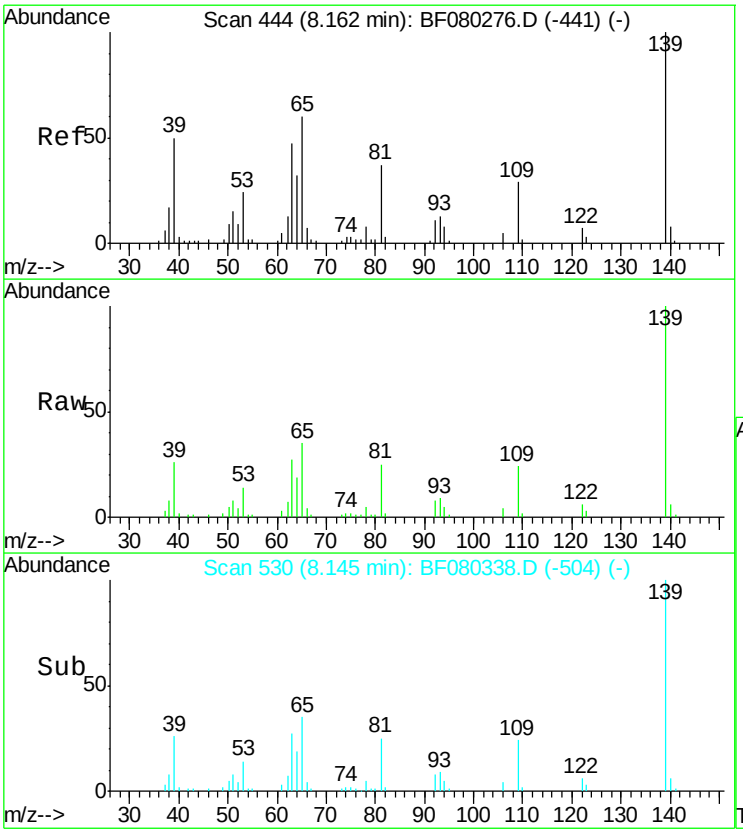
#25
Isophorone
Concen: 48.76 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 82 Resp: 217794

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	15.6	14.4	21.6

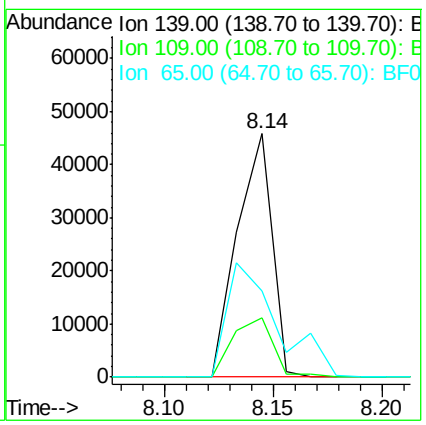


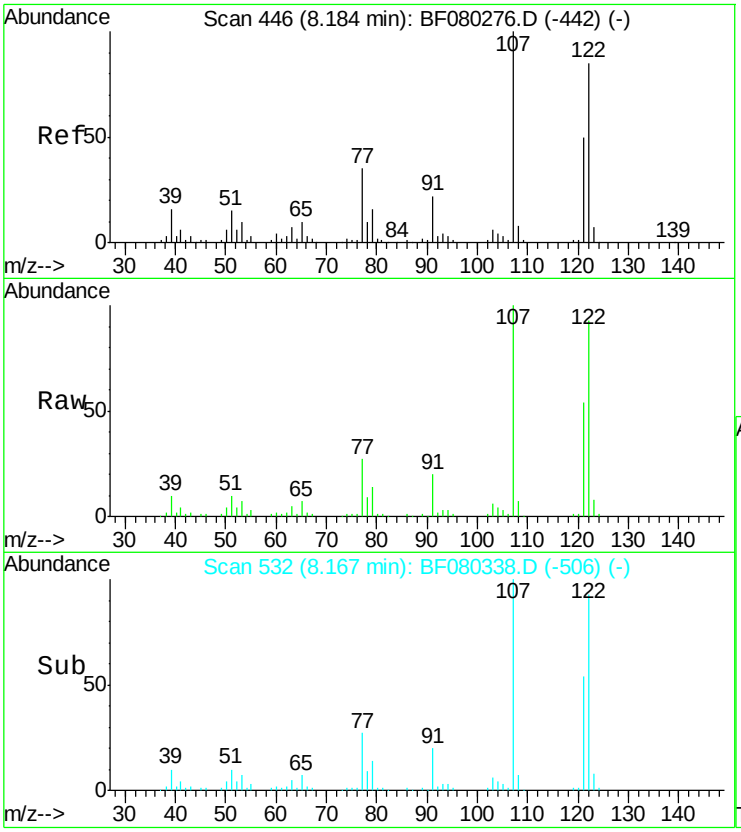


#26
2-Nitrophenol
Concen: 48.89 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:139 Resp: 50880

Ion	Ratio	Lower	Upper
139	100		
109	24.1	23.1	34.7
65	35.4	47.6	71.4#



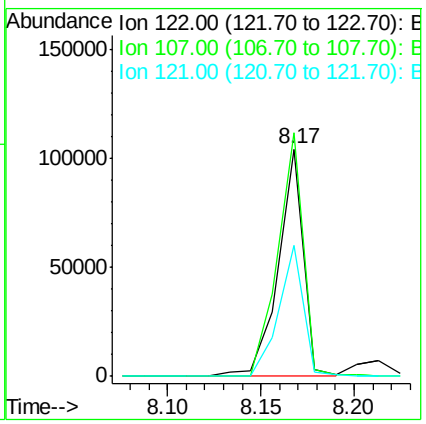


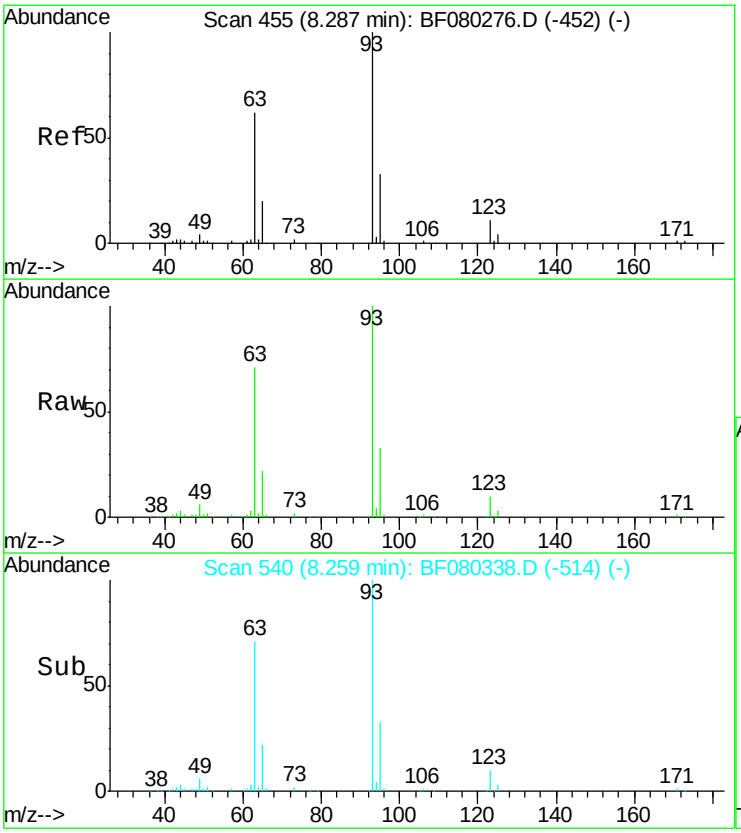
#27
2,4-Dimethylphenol
Concen: 51.25 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:122 Resp: 97904

Ion	Ratio	Lower	Upper
122	100		
107	107.1	93.7	140.5
121	57.7	46.9	70.3

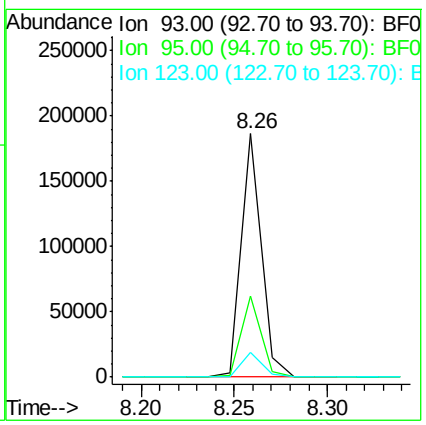


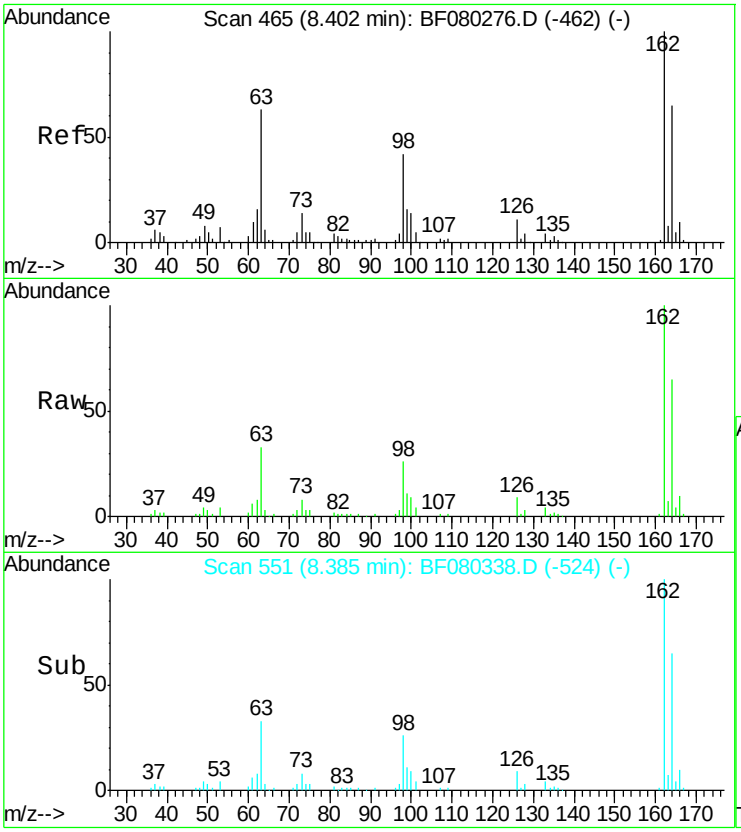


#28
bis(2-Chloroethoxy)methane
Concen: 52.47 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 93 Resp: 140657

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	10.1	9.2	13.8



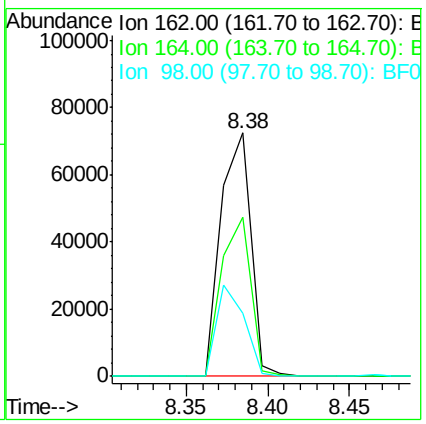


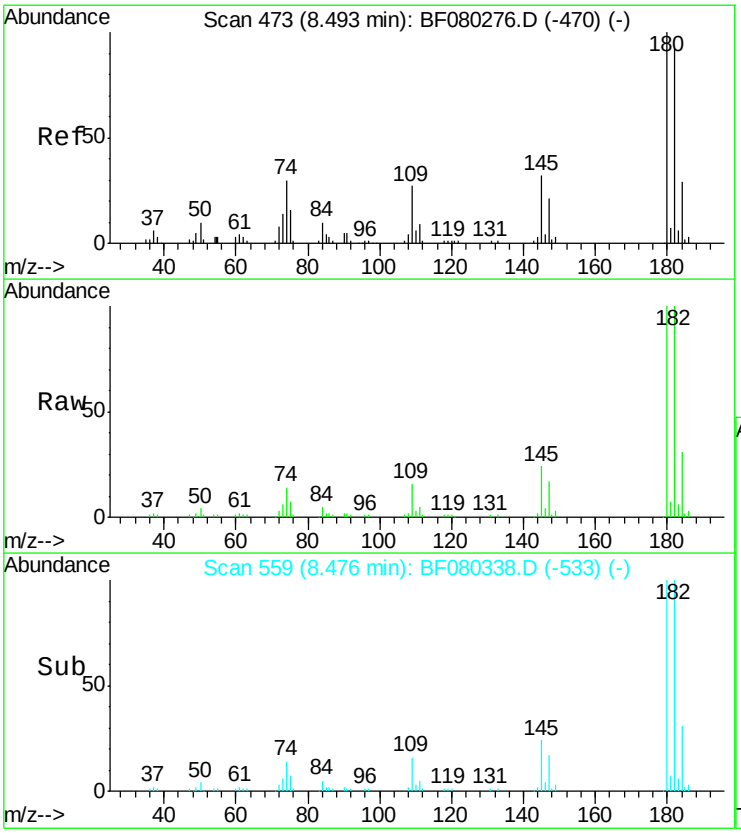
#29
2,4-Dichlorophenol
Concen: 51.93 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:162 Resp: 91634

Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	25.9	21.7	61.7

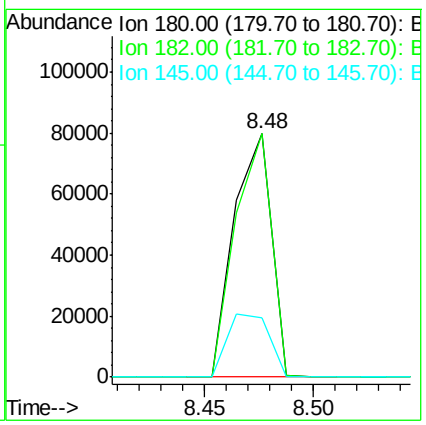


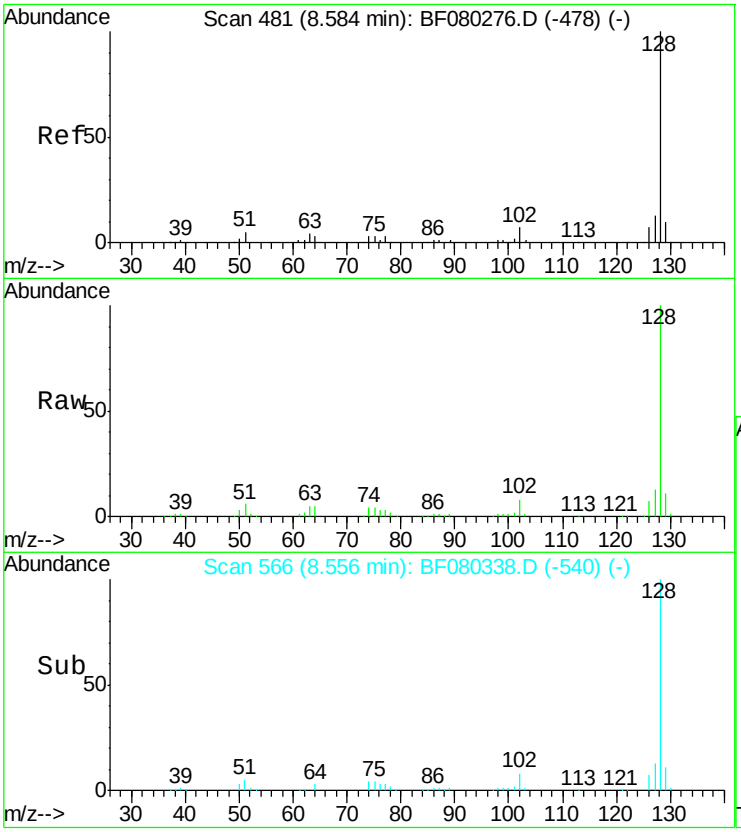


#30
1,2,4-Trichlorobenzene
Concen: 46.13 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:180 Resp: 94952

Ion	Ratio	Lower	Upper
180	100		
182	100.1	73.8	110.6
145	24.5	25.6	38.4#



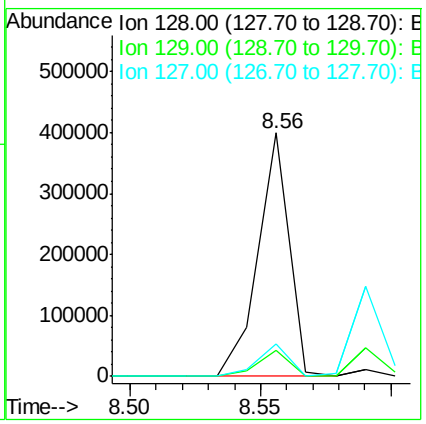


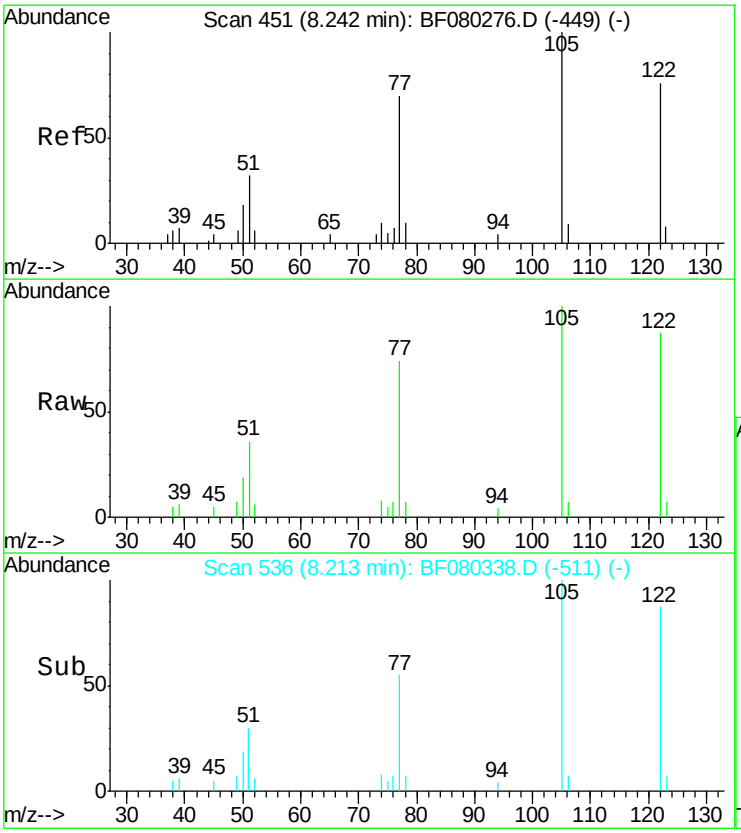
#31
Naphthalene
Concen: 51.80 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:128 Resp: 333874

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.4
127	13.3	10.4	15.6

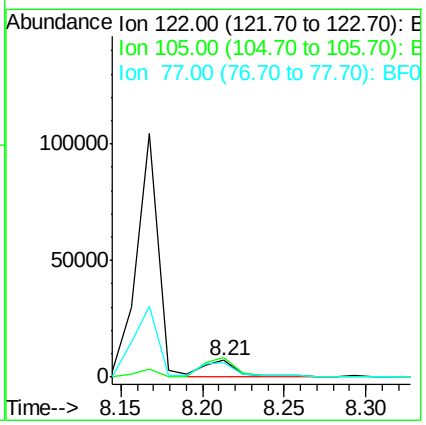


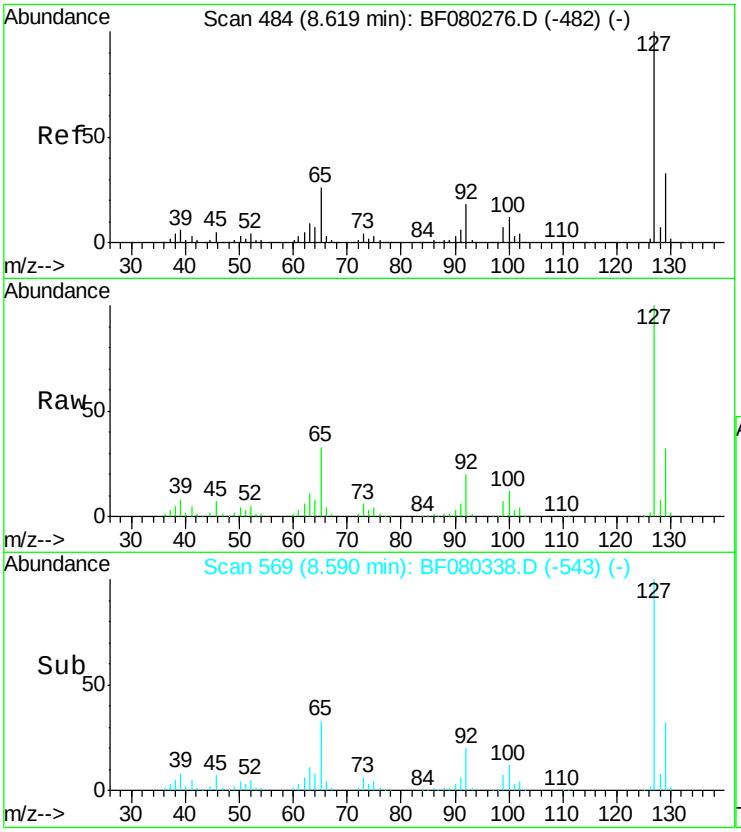


#32
Benzoic acid
Concen: 25.40 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:122 Resp: 11102

Ion	Ratio	Lower	Upper
122	100		
105	115.4	103.3	143.3
77	85.0	71.5	111.5



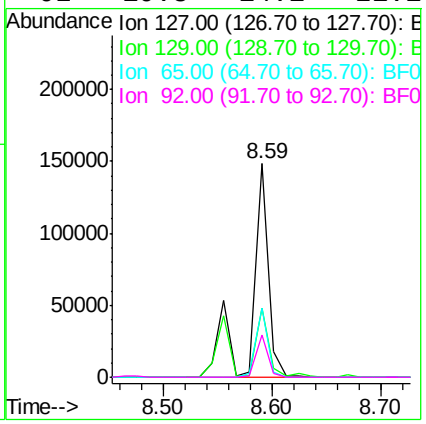


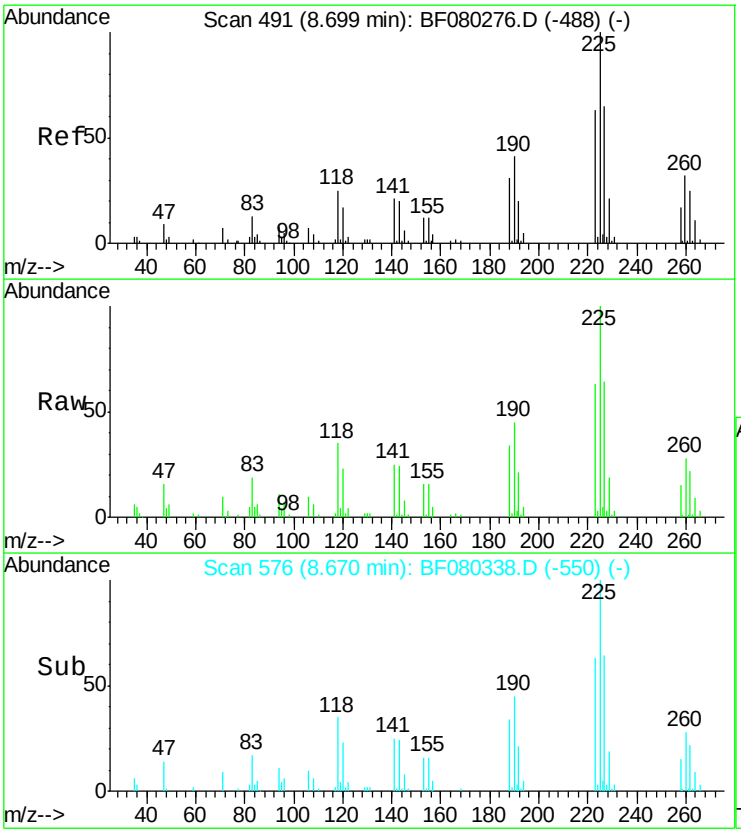
#33
4-Chloroaniline
Concen: 59.30 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:127 Resp: 162184

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	32.6	21.0	31.6#
92	19.8	14.1	21.1

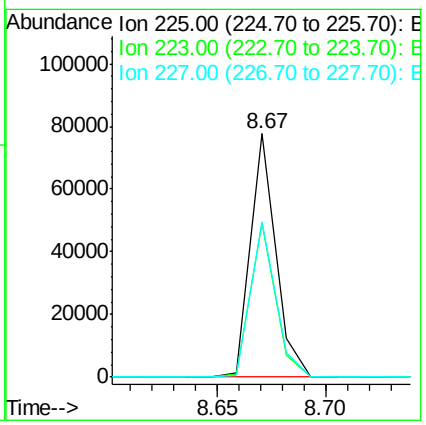


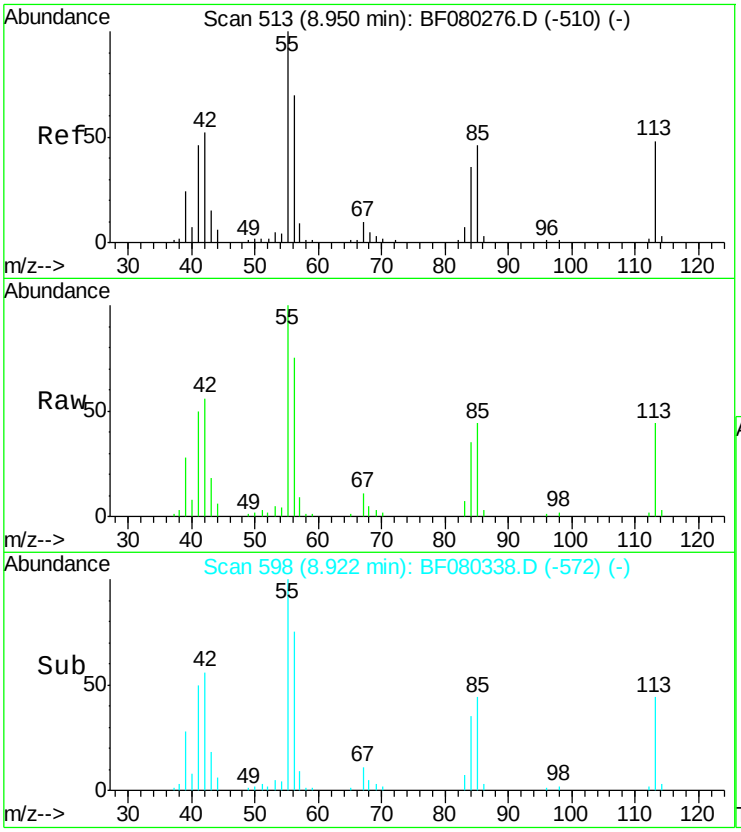


#34
Hexachlorobutadiene
Concen: 48.22 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:225 Resp: 62524

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	63.6	51.8	77.8



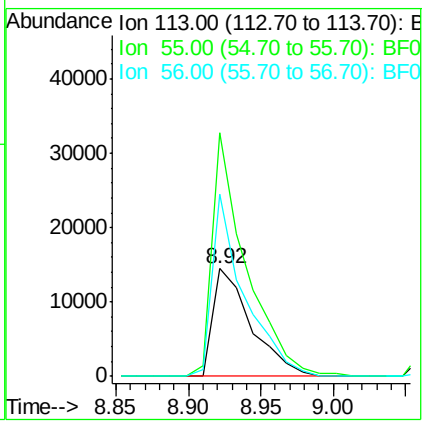


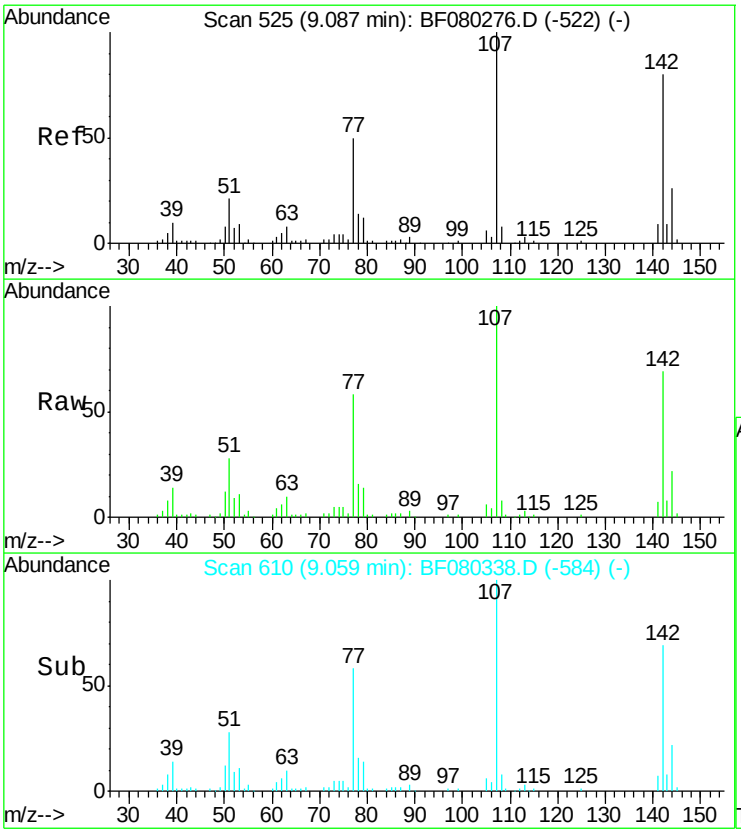
#35
Caprolactam
Concen: 49.35 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:113 Resp: 26421

Ion	Ratio	Lower	Upper
113	100		
55	226.4	189.7	229.7
56	168.9	127.2	167.2#

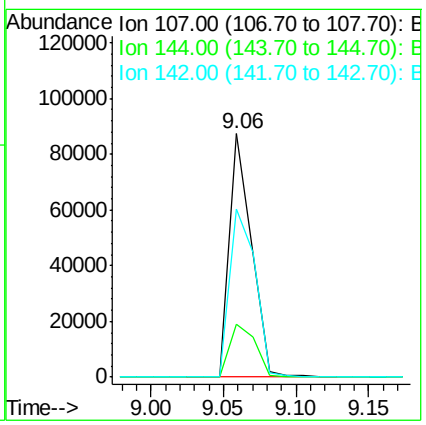


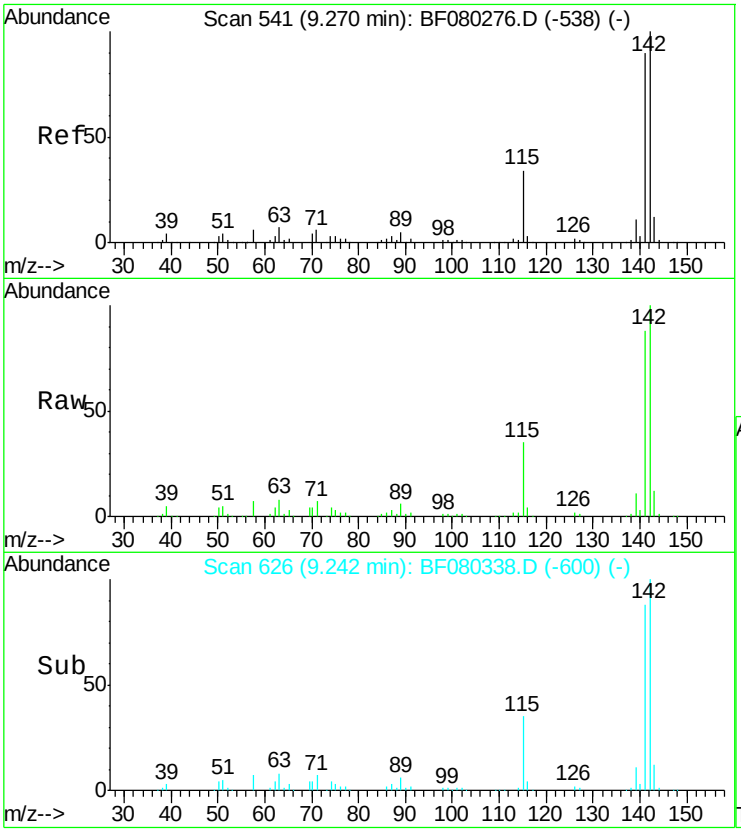


#36
4-Chloro-3-methylphenol
Concen: 48.61 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:107 Resp: 92865

Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.4	30.6
142	69.3	63.8	95.6



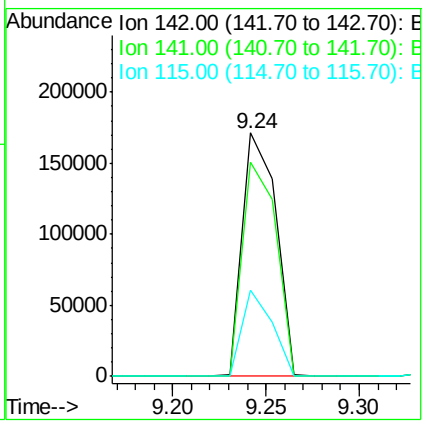


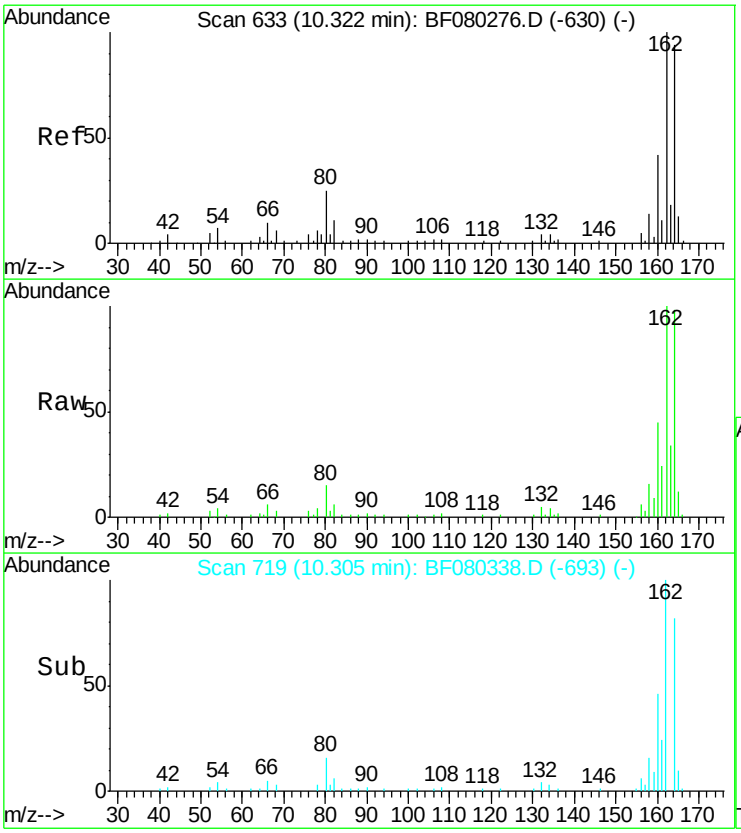
#37
2-Methylnaphthalene
Concen: 48.49 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:142 Resp: 214033

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.8	107.6
115	35.4	27.4	41.2

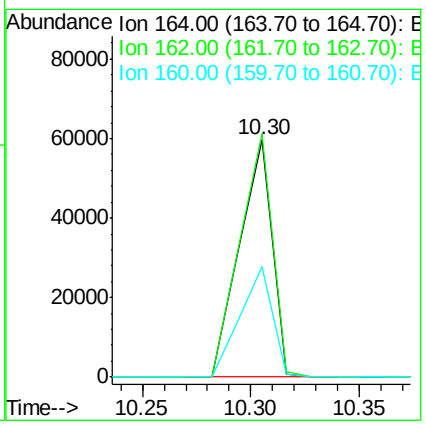


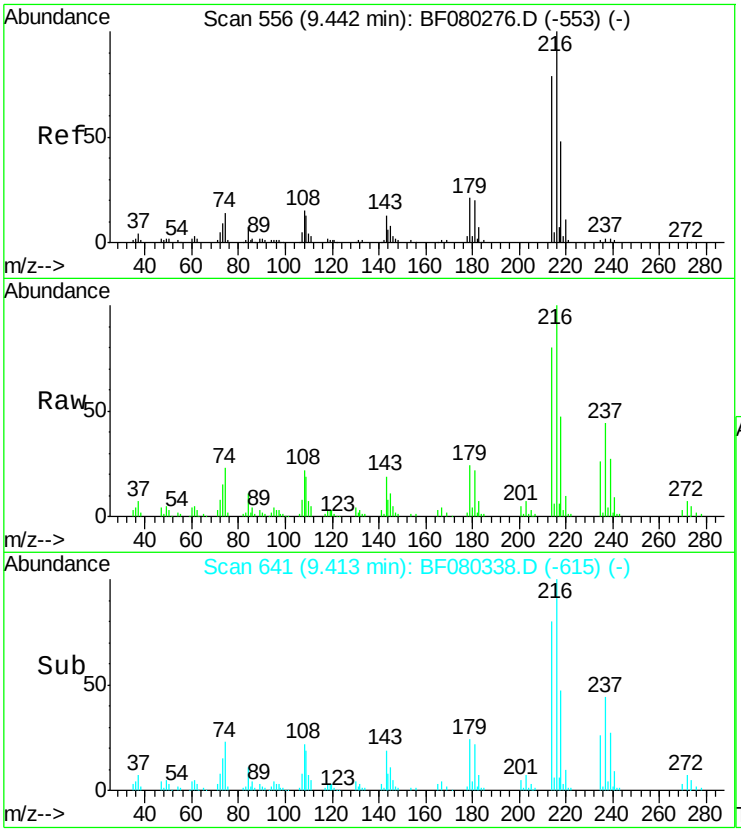


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:164 Resp: 61757

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.8	127.2
160	46.4	35.8	53.8



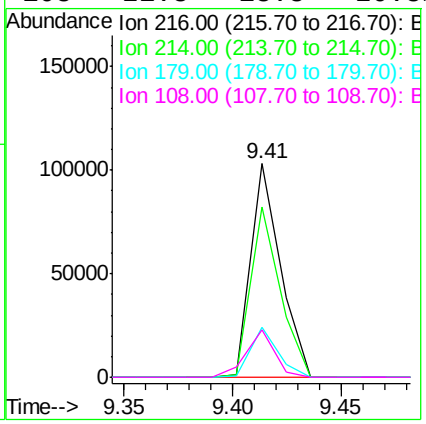


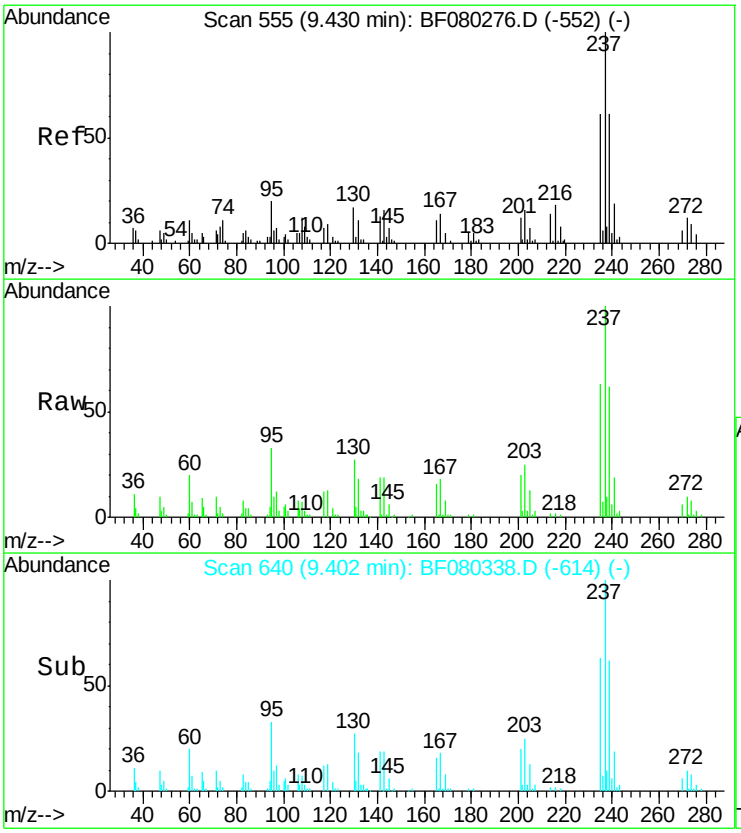
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.64 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:216 Resp: 97915

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	21.6	16.8	25.2
108	21.3	13.8	20.8#

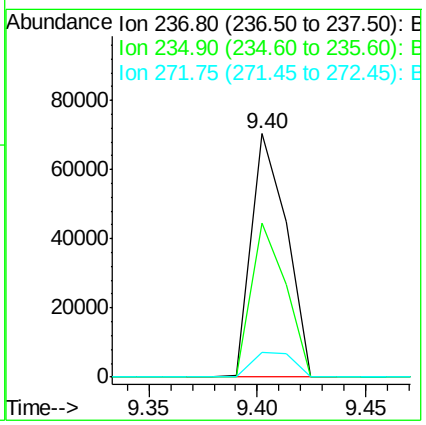


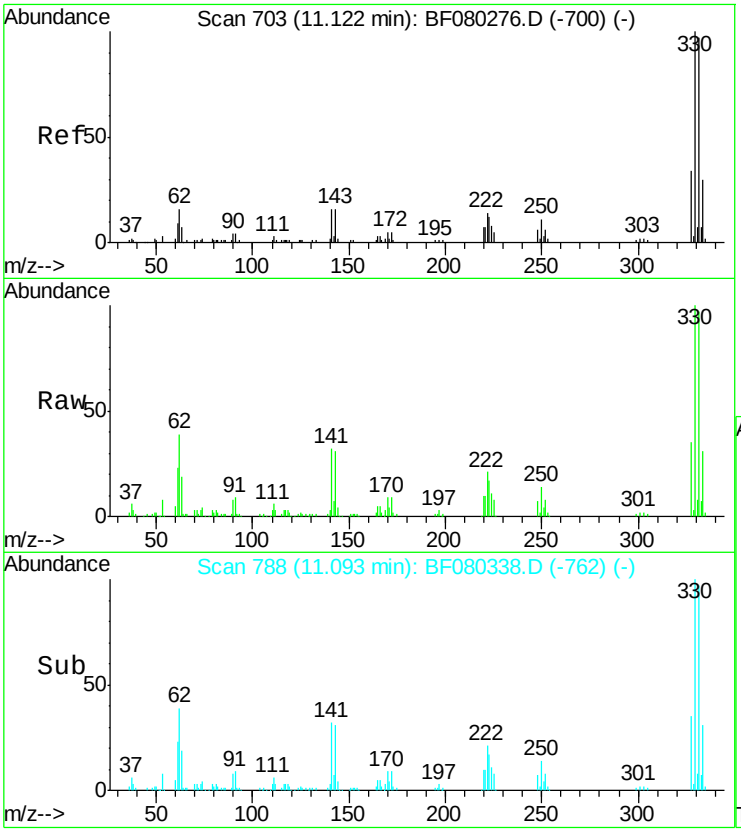


#40
Hexachlorocyclopentadiene
Concen: 96.32 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:237 Resp: 79344

Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.3	81.3
272	10.0	0.0	31.8



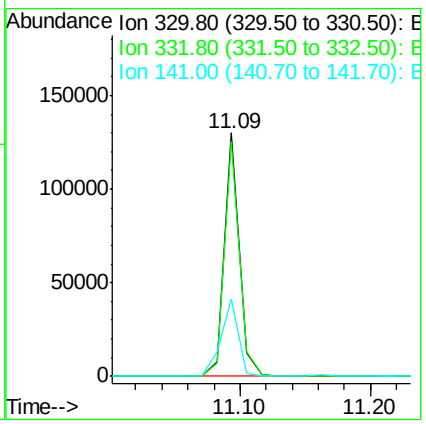


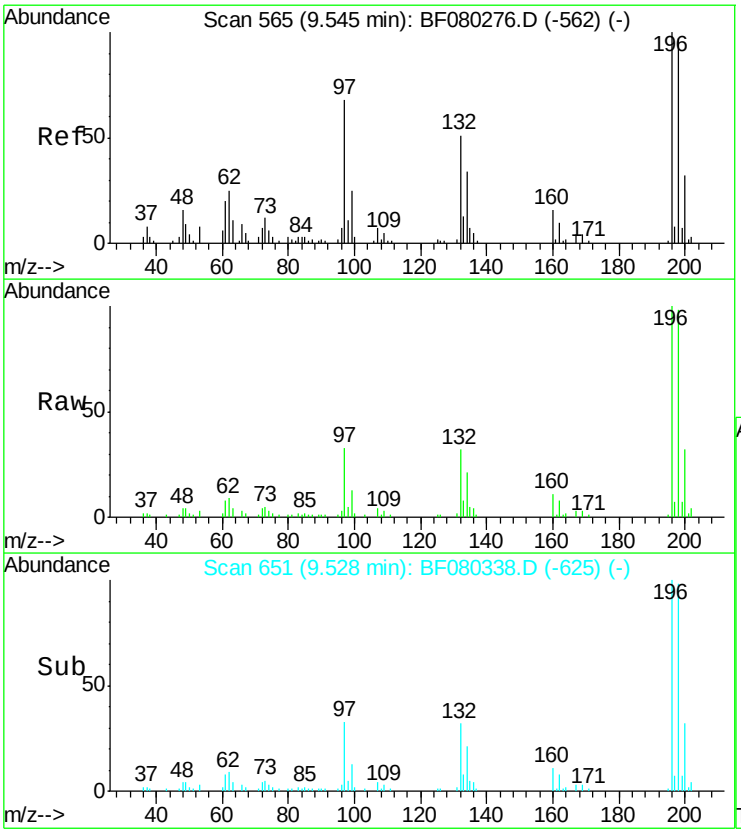
#41
2,4,6-Tribromophenol
Concen: 177.45 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:330 Resp: 104349

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	37.3	28.0	42.0

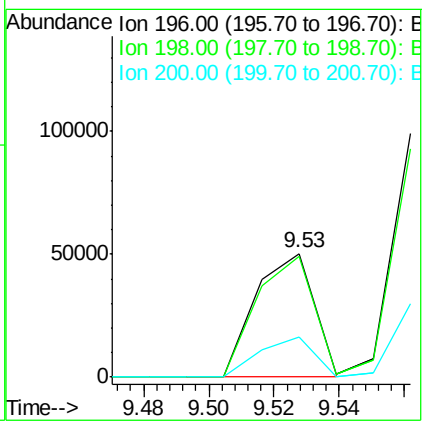


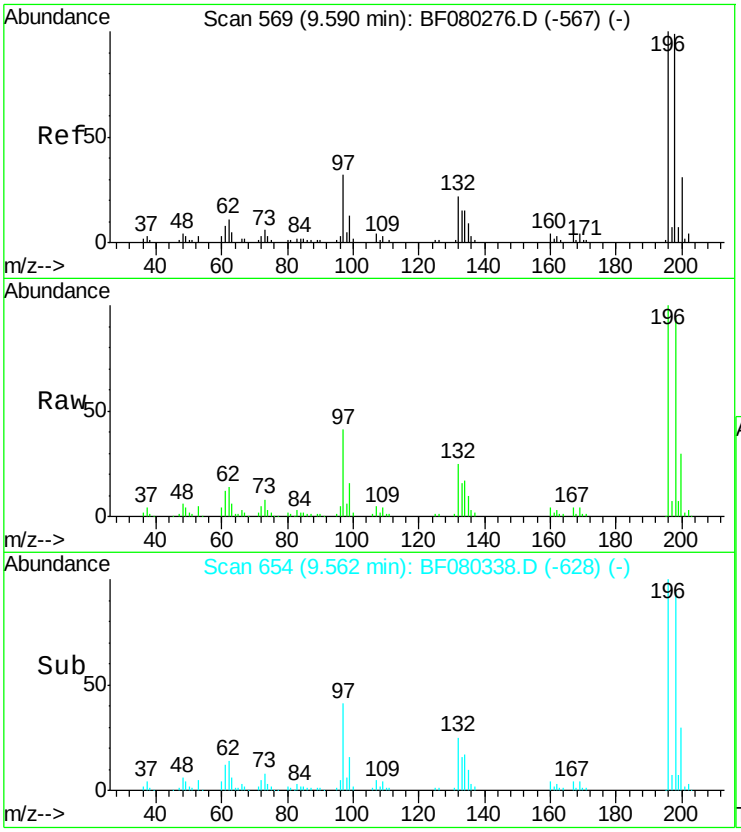


#42
2,4,6-Trichlorophenol
Concen: 48.05 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:196 Resp: 62510

Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.7	116.5
200	32.2	25.6	38.4



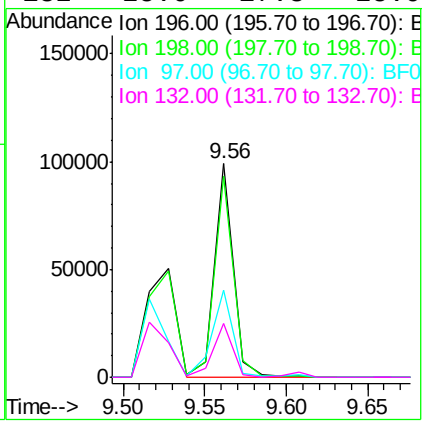


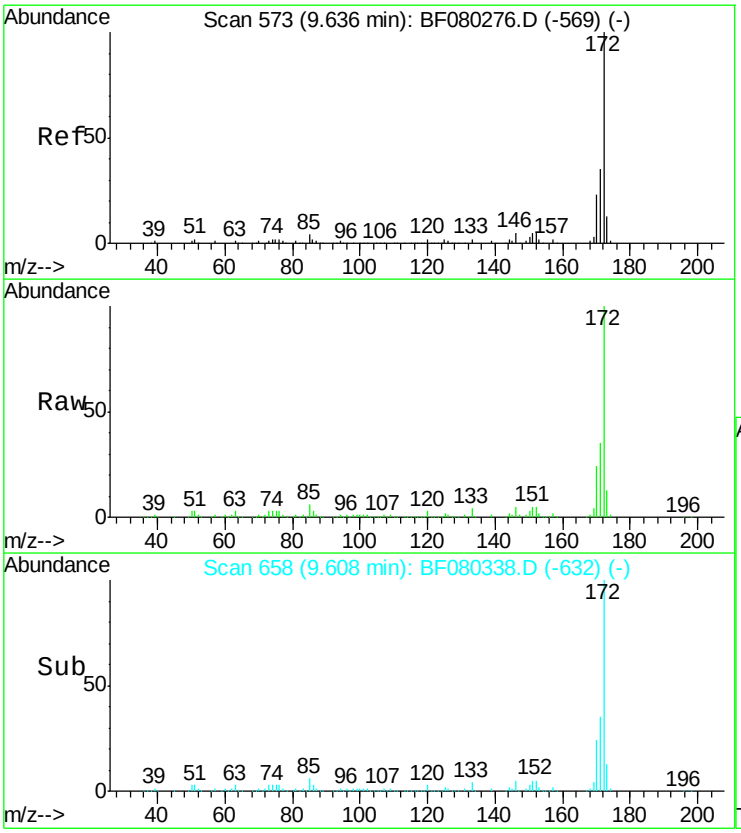
#43
2,4,5-Trichlorophenol
Concen: 56.47 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:196 Resp: 79151

Ion	Ratio	Lower	Upper
196	100		
198	94.0	79.4	119.2
97	40.9	25.9	38.9#
132	25.0	17.3	25.9

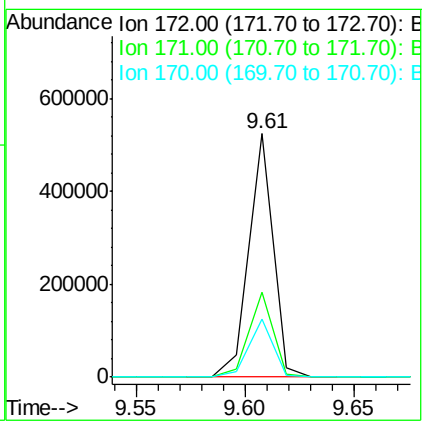


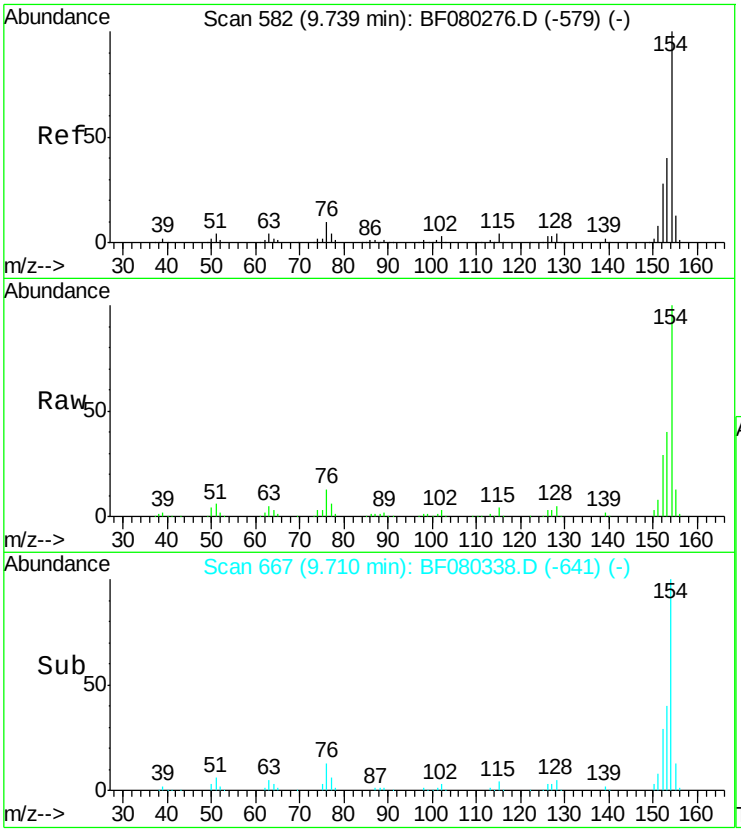


#44
2-Fluorobiphenyl
Concen: 94.75 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:172 Resp: 406551

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	24.0	18.6	28.0



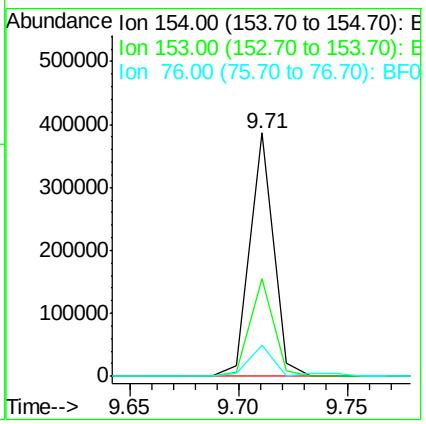


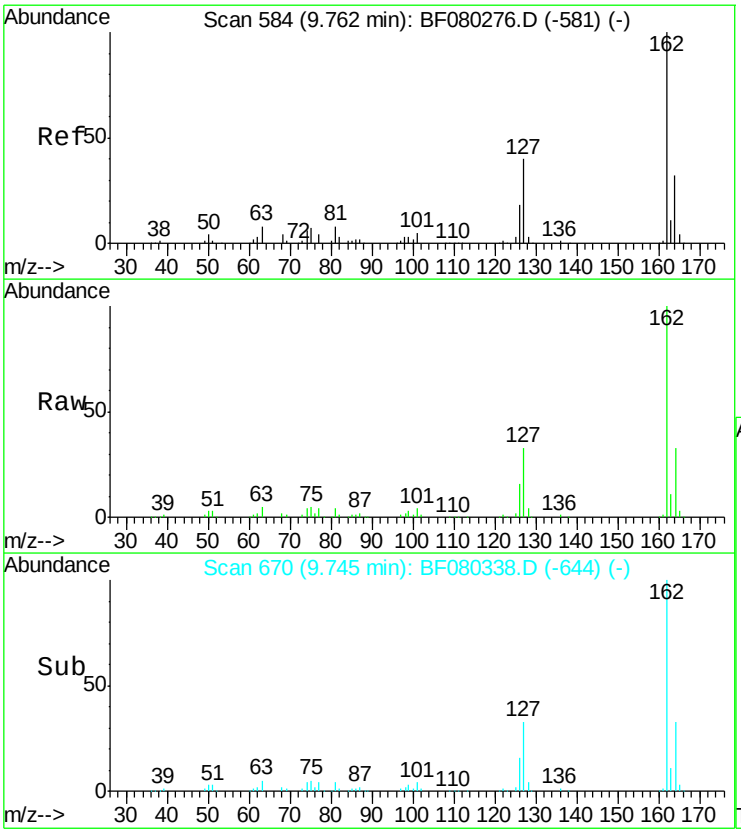
#45
1,1'-Biphenyl
Concen: 55.53 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:154 Resp: 291622

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	12.7	0.0	30.3

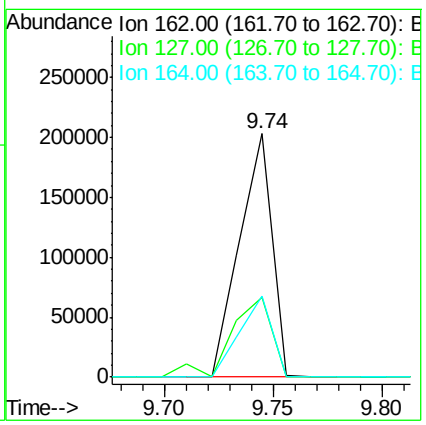


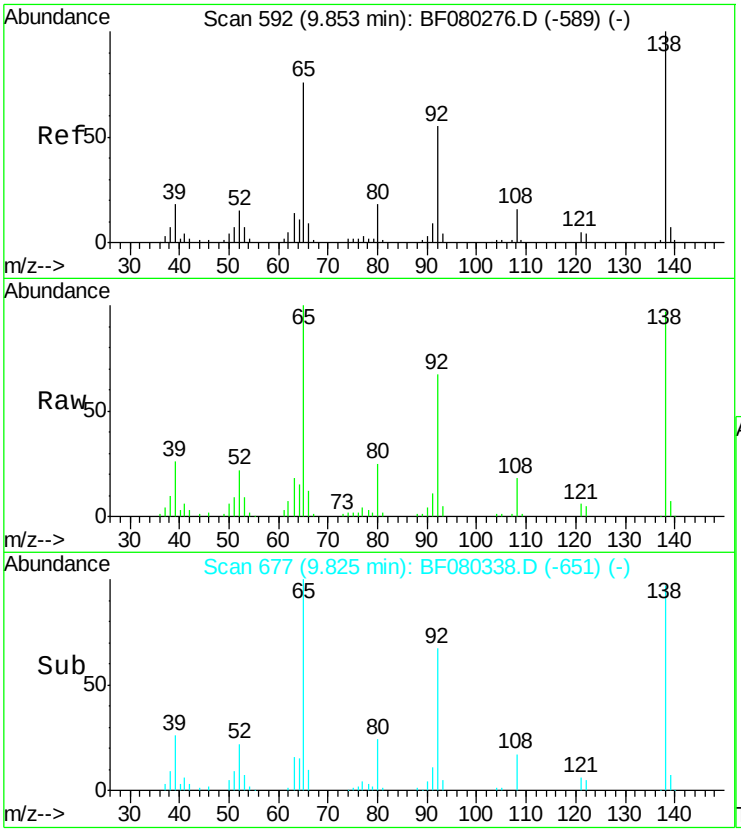


#46
2-Chloronaphthalene
Concen: 51.72 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:162 Resp: 210267

Ion	Ratio	Lower	Upper
162	100		
127	32.9	33.4	50.0#
164	33.5	25.3	37.9



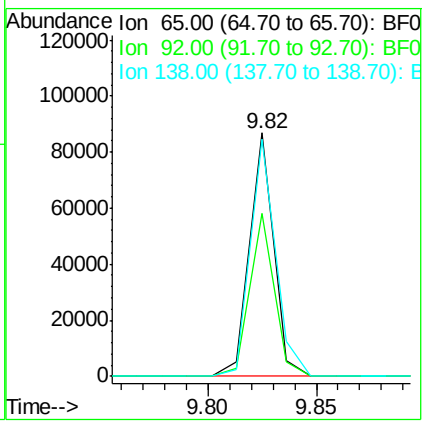


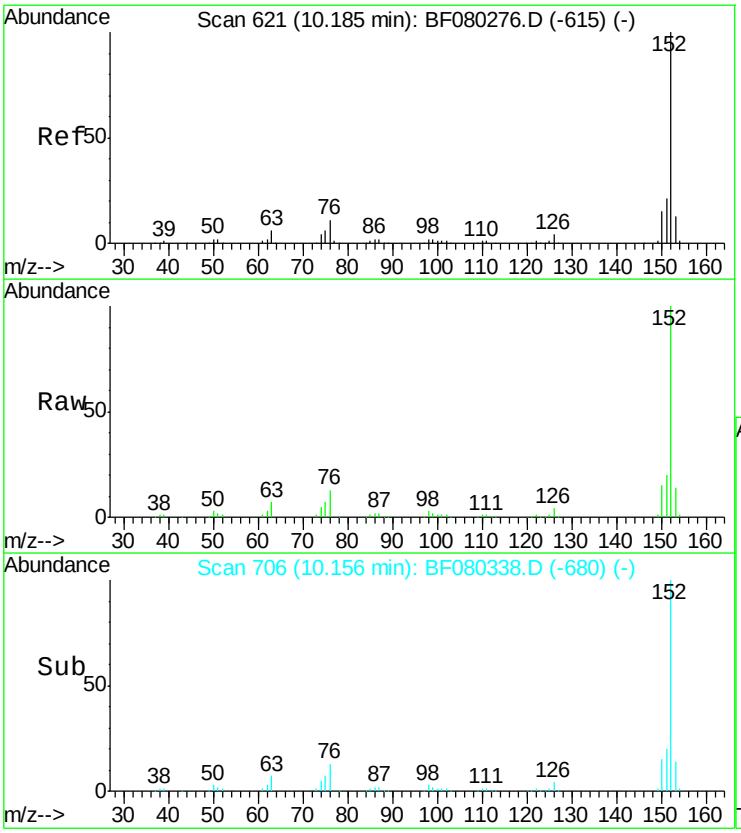
#47
2-Nitroaniline
Concen: 57.43 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion: 65 Resp: 67144

Ion	Ratio	Lower	Upper
65	100		
92	66.9	58.0	87.0
138	97.2	104.8	157.2#

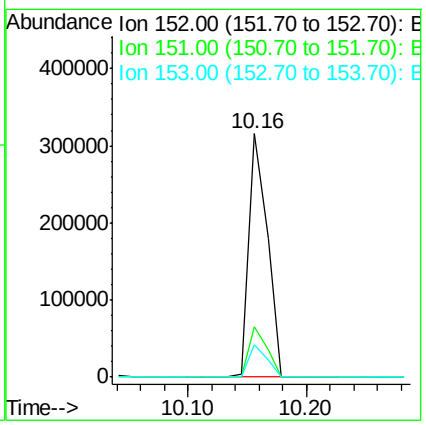


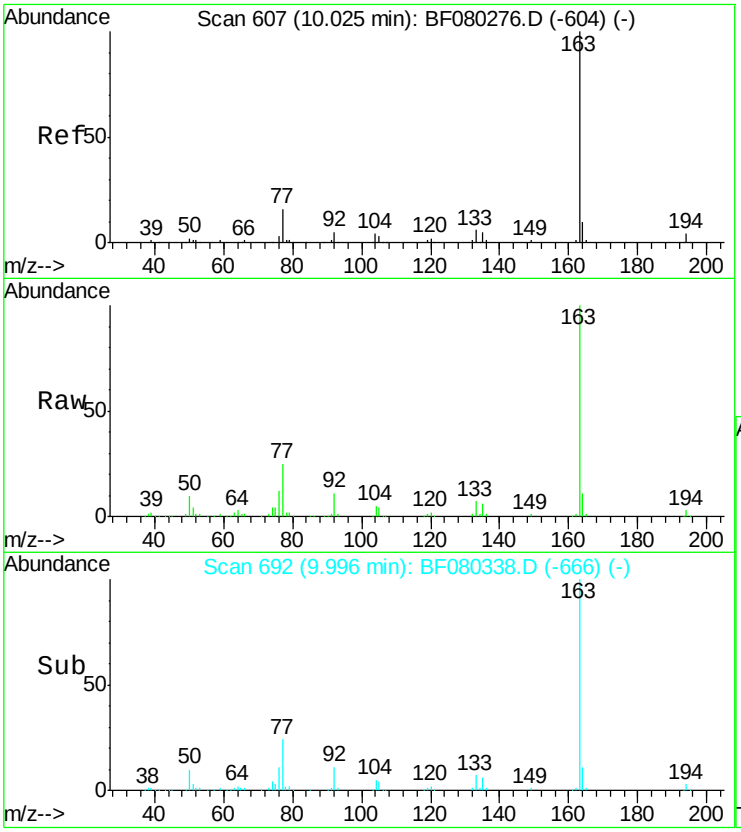


#48
Acenaphthylene
Concen: 48.81 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:152 Resp: 344584

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1
153	13.6	10.7	16.1



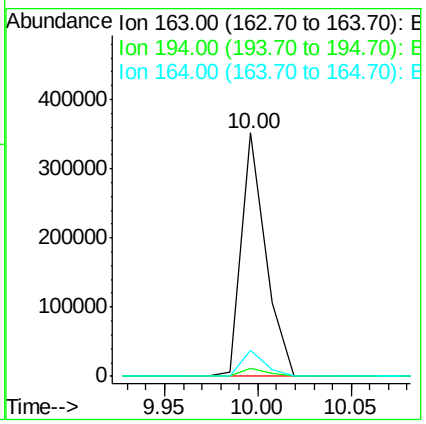


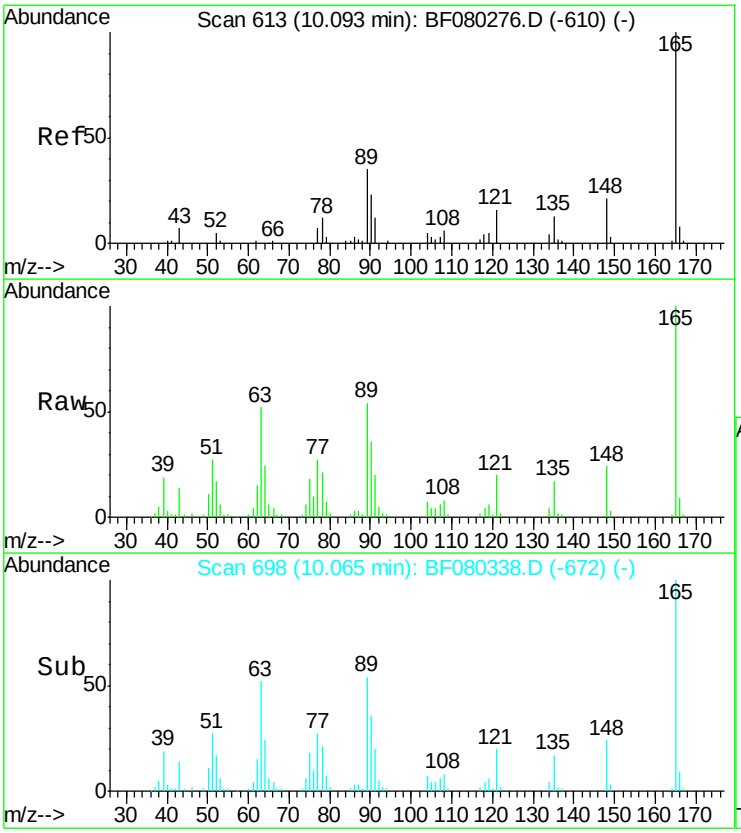
#49
Dimethylphthalate
Concen: 67.50 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:163 Resp: 318448

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.8	7.9	11.9

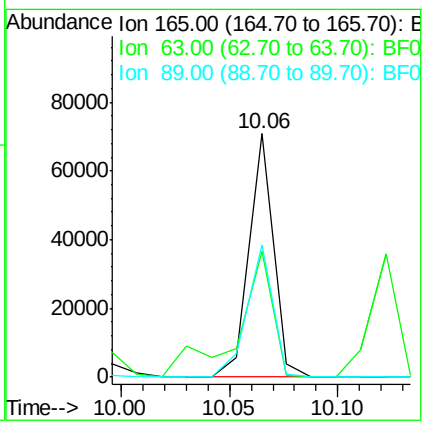


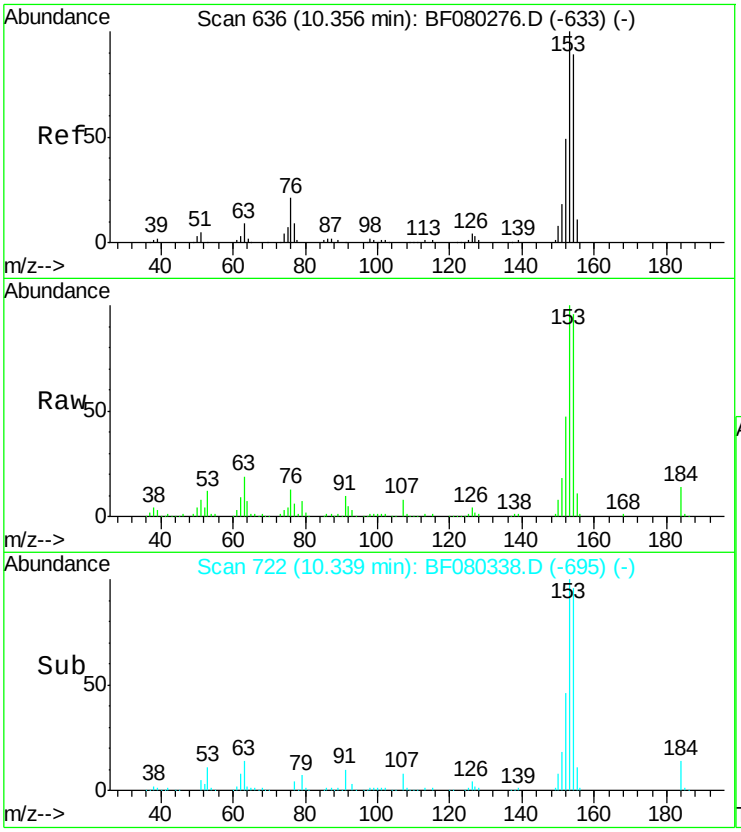


#50
2,6-Dinitrotoluene
Concen: 57.32 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:165 Resp: 55278

Ion	Ratio	Lower	Upper
165	100		
63	51.7	23.4	35.0#
89	54.4	27.7	41.5#



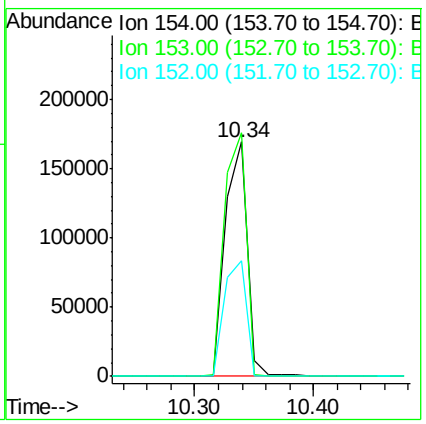


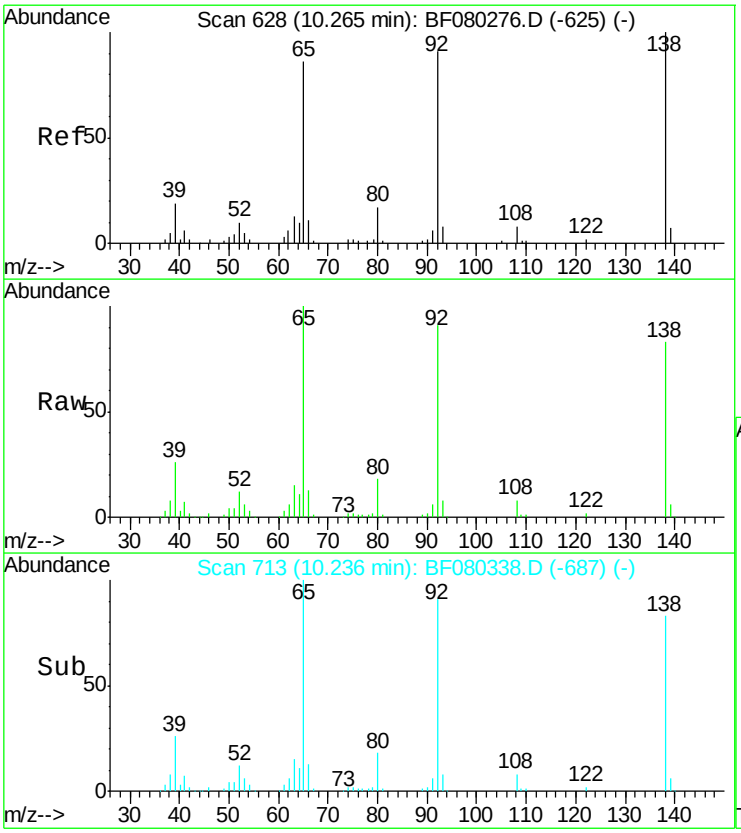
#51
Acenaphthene
Concen: 53.15 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:154 Resp: 216030

Ion	Ratio	Lower	Upper
154	100		
153	103.9	90.4	135.6
152	49.3	43.9	65.9

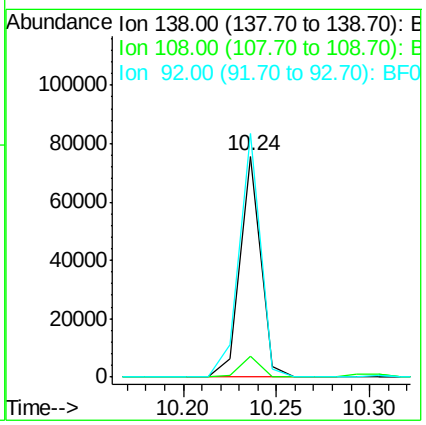


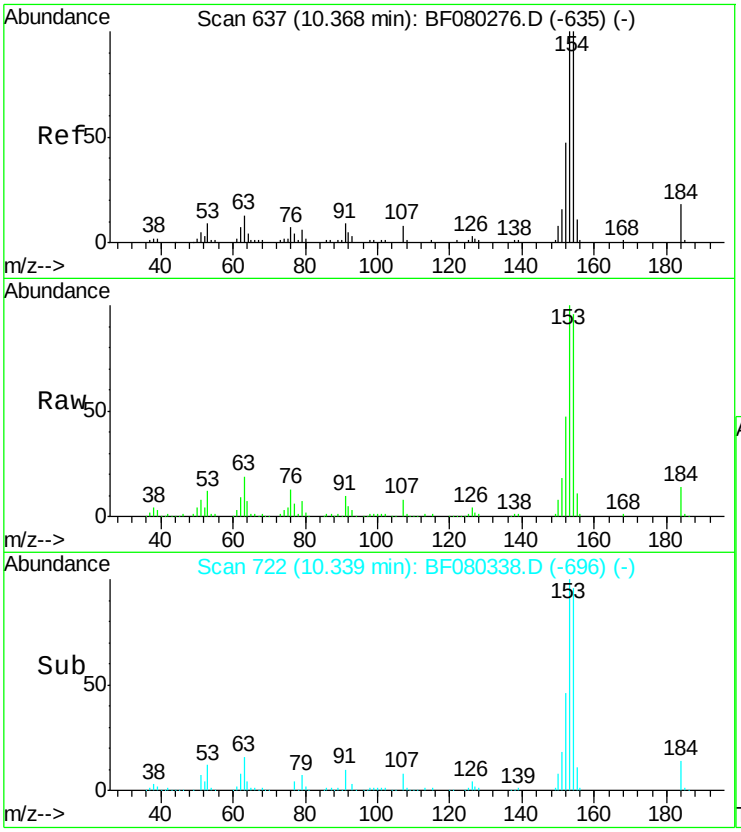


#52
3-Nitroaniline
Concen: 53.17 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:138 Resp: 58819

Ion	Ratio	Lower	Upper
138	100		
108	9.7	6.7	10.1
92	110.1	72.6	109.0#



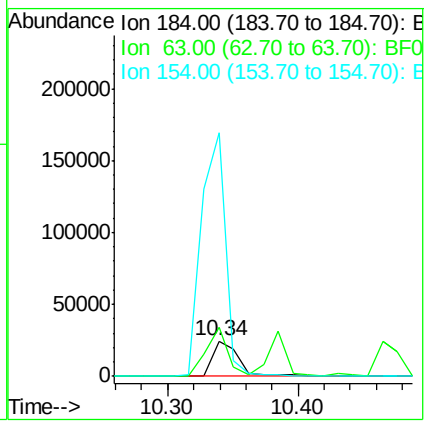


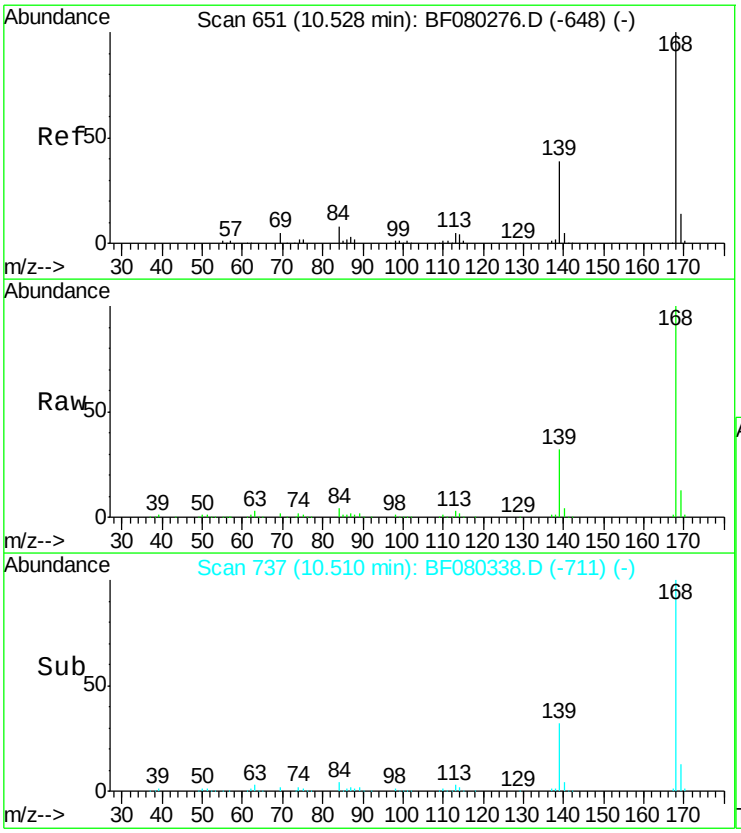
#53
2,4-Dinitrophenol
Concen: 84.82 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:184 Resp: 34413

Ion	Ratio	Lower	Upper
184	100		
63	137.1	65.0	97.6#
154	685.9	473.1	709.7

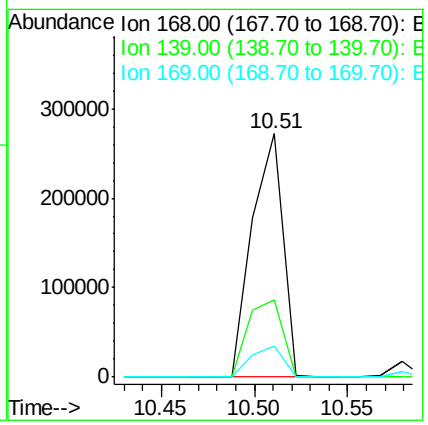


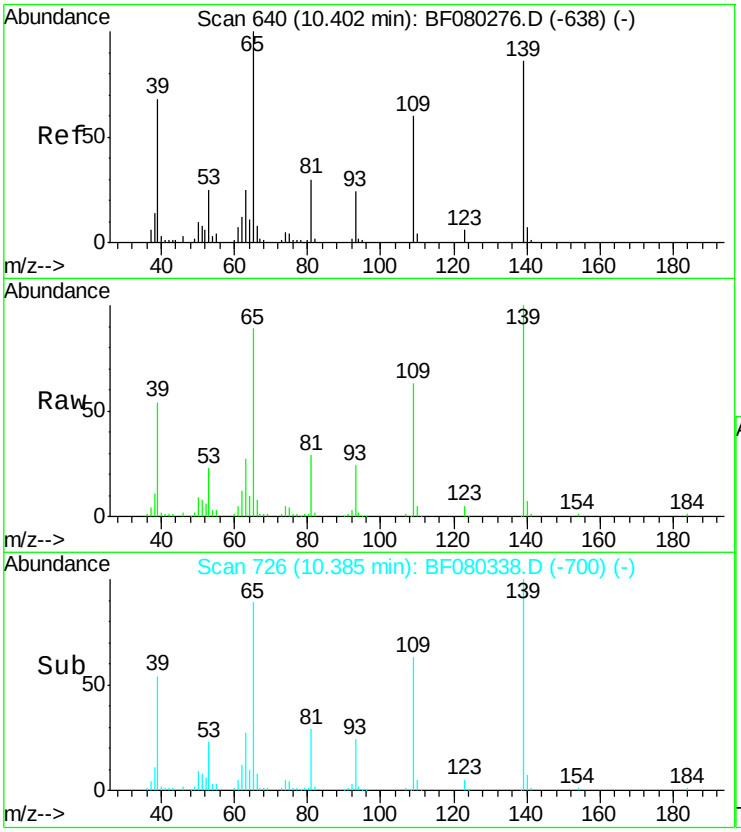


#54
Dibenzofuran
Concen: 54.13 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:168 Resp: 310532

Ion	Ratio	Lower	Upper
168	100		
139	31.7	31.5	47.3
169	12.7	11.0	16.4



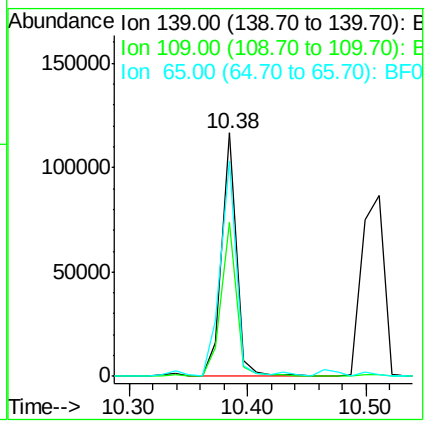


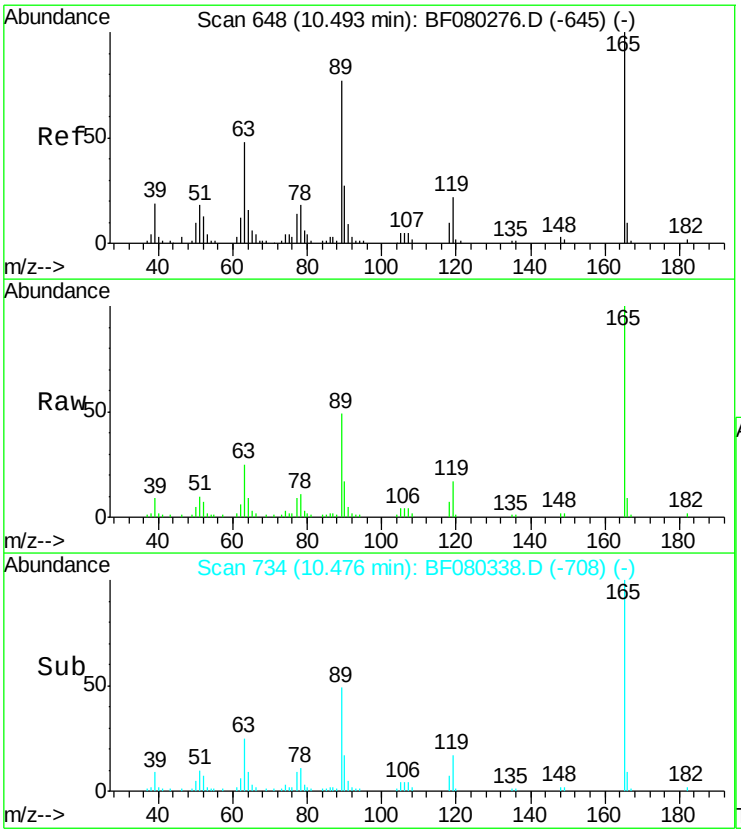
#55
4-Nitrophenol
Concen: 122.05 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:139 Resp: 99805

Ion	Ratio	Lower	Upper
139	100		
109	63.5	50.2	90.2
65	88.6	96.7	136.7#

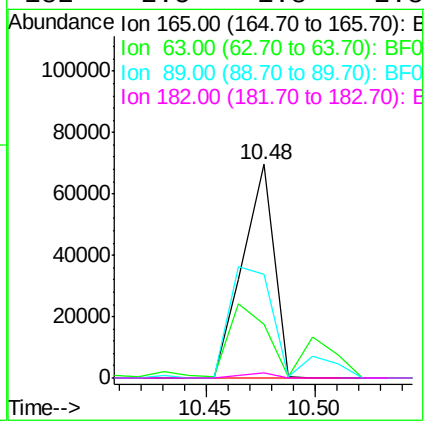


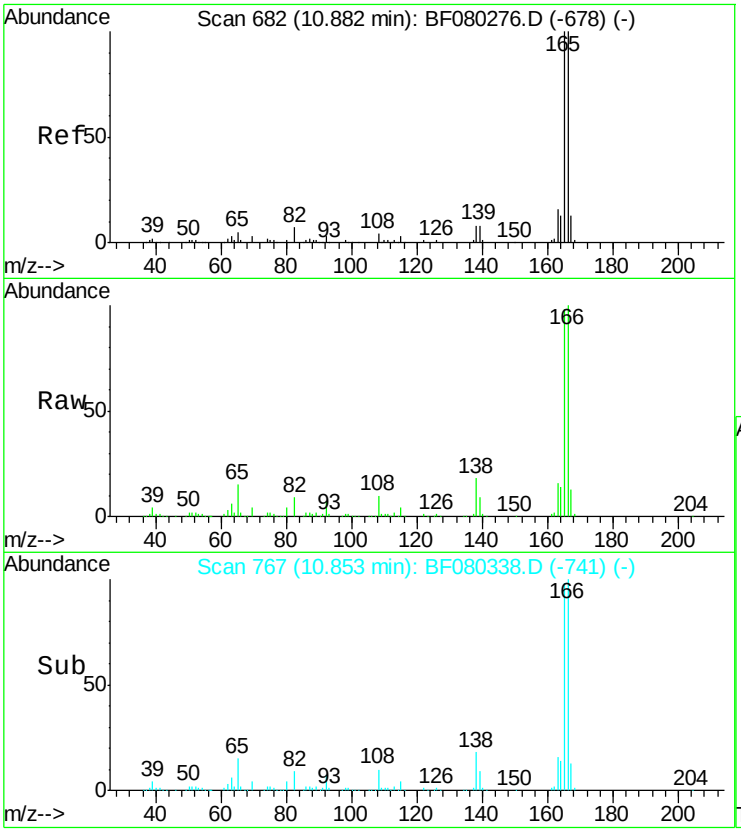


#56
2,4-Dinitrotoluene
Concen: 55.97 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:165 Resp: 69994

Ion	Ratio	Lower	Upper
165	100		
63	25.1	38.7	58.1#
89	48.6	62.0	93.0#
182	2.5	1.8	2.8



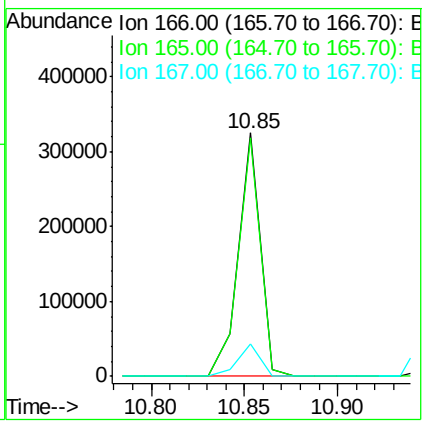


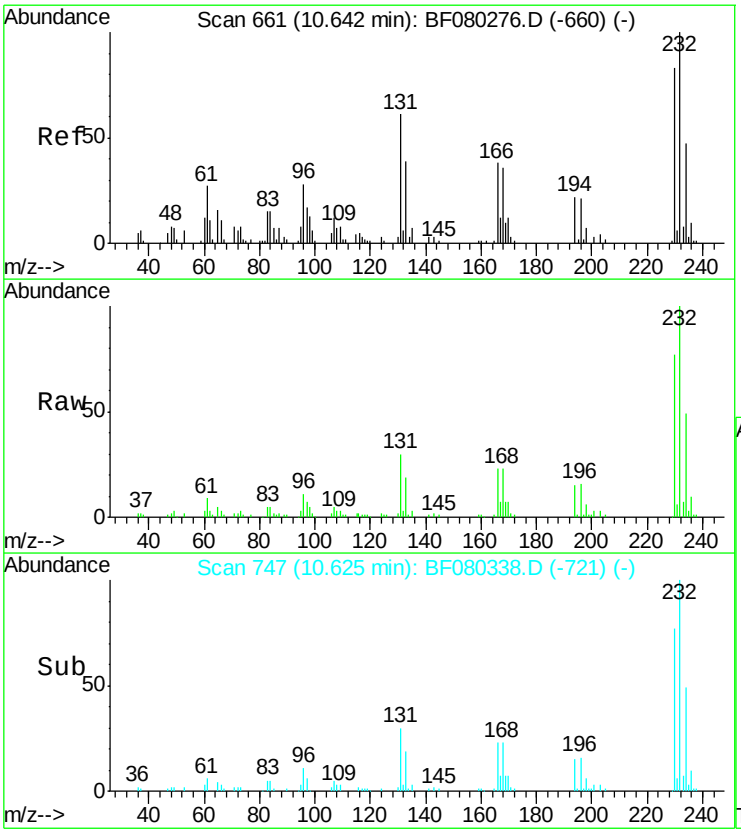
#57
Fluorene
Concen: 56.29 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:166 Resp: 267835

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.9	119.9
167	13.1	10.3	15.5

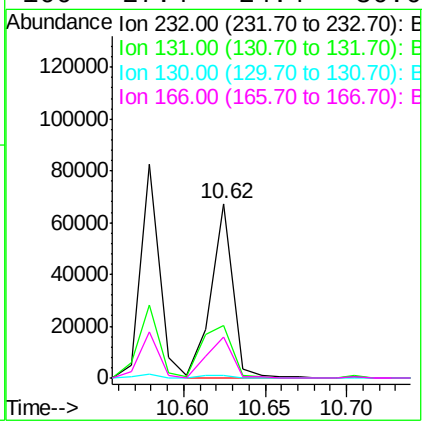


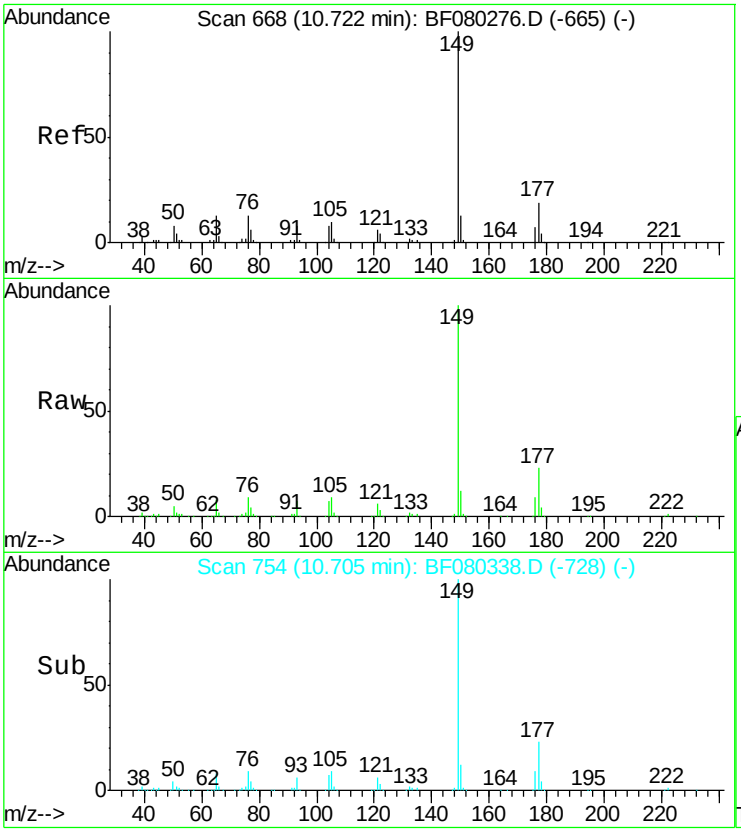


#58
2,3,4,6-Tetrachlorophenol
Concen: 57.47 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:232 Resp: 62769

Ion	Ratio	Lower	Upper
232	100		
131	42.0	37.0	55.6
130	2.0	1.5	2.3
166	27.4	24.4	36.6



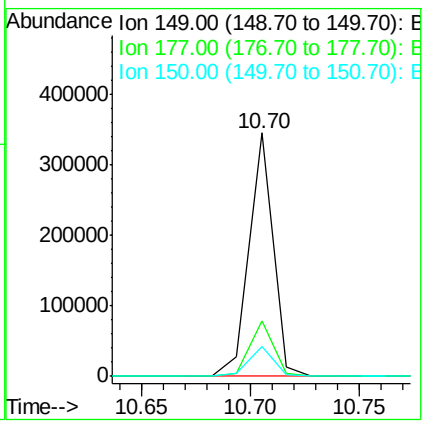


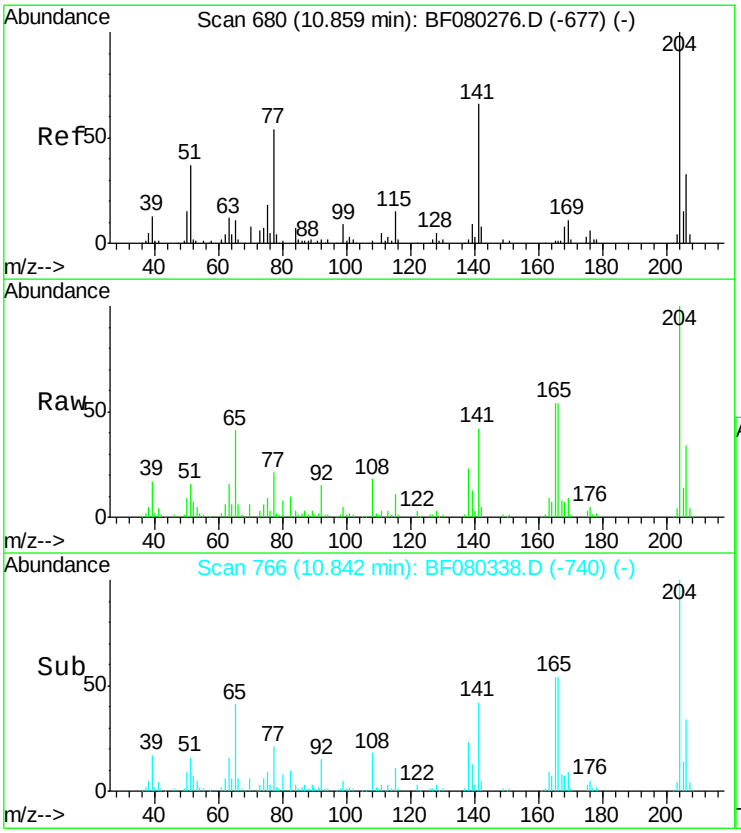
#59
Diethylphthalate
Concen: 59.32 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:149 Resp: 265969

Ion	Ratio	Lower	Upper
149	100		
177	22.9	15.4	23.0
150	12.4	10.5	15.7

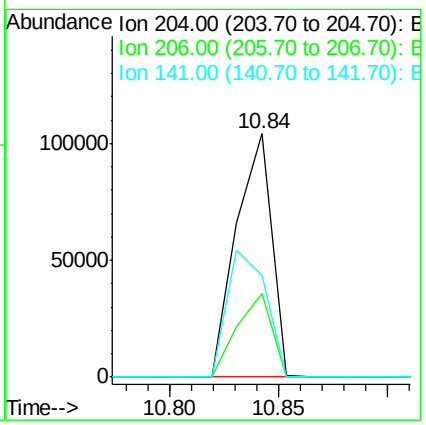


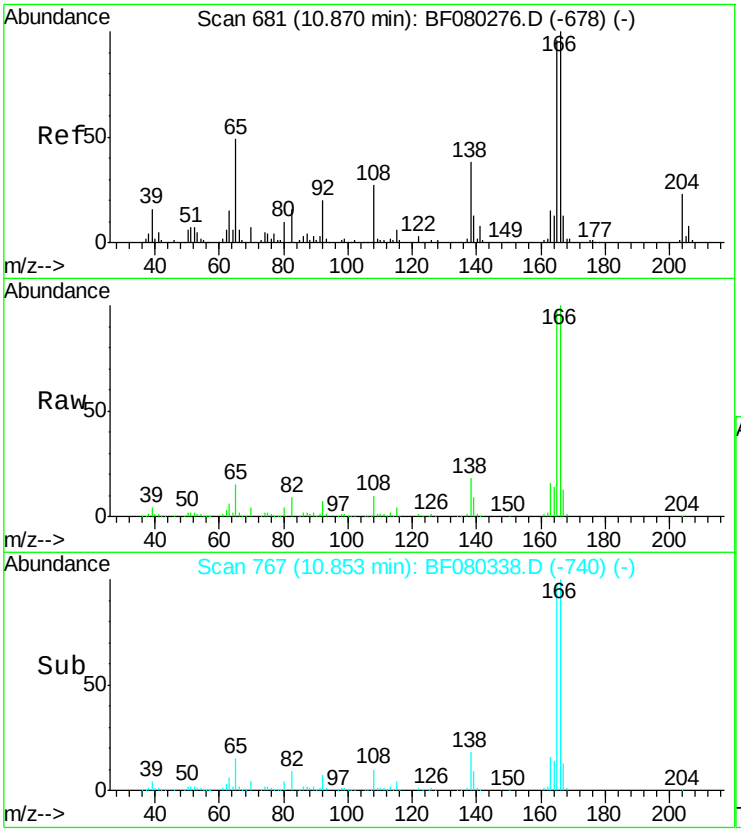


#60
4-Chlorophenyl-phenylether
Concen: 54.50 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:204 Resp: 117253

Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.5	39.7
141	41.6	52.5	78.7#



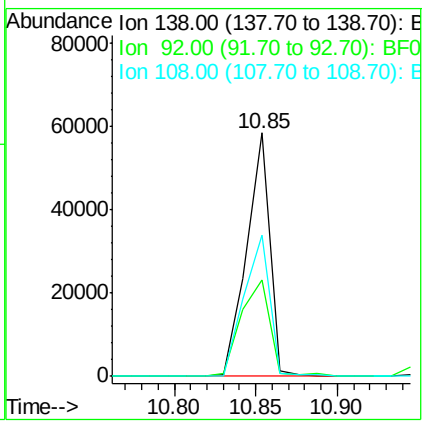


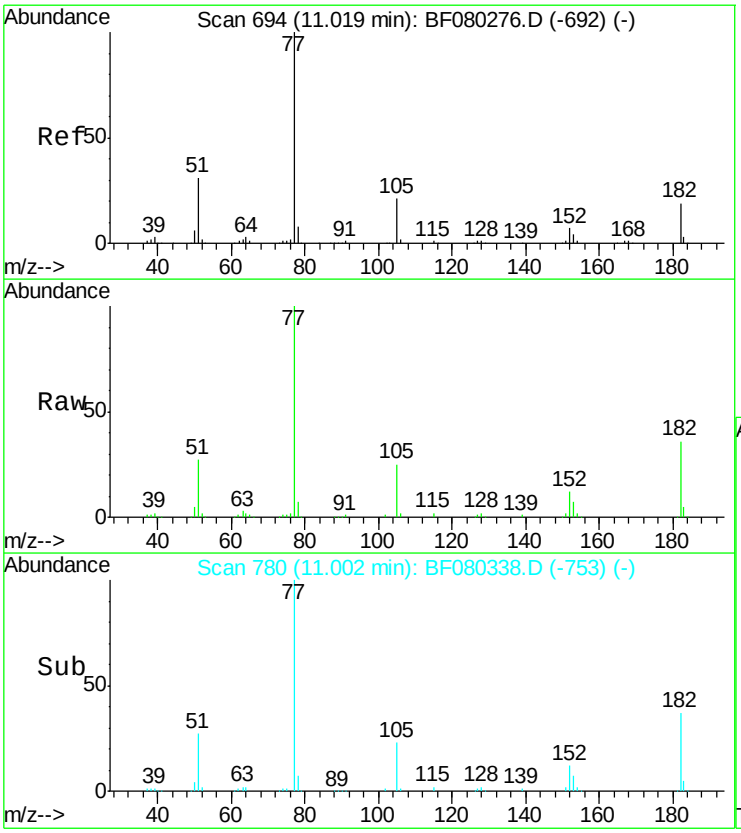
#61
4-Nitroaniline
Concen: 51.25 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:138 Resp: 57625

Ion	Ratio	Lower	Upper
138	100		
92	39.4	32.7	72.7
108	58.2	49.6	89.6

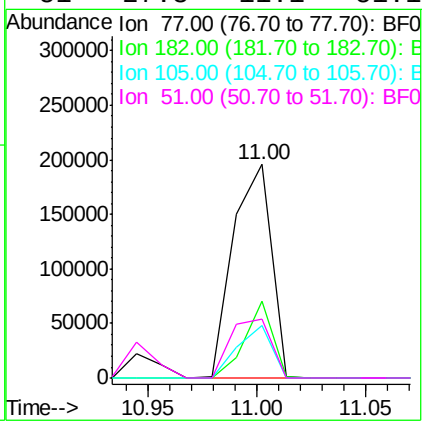


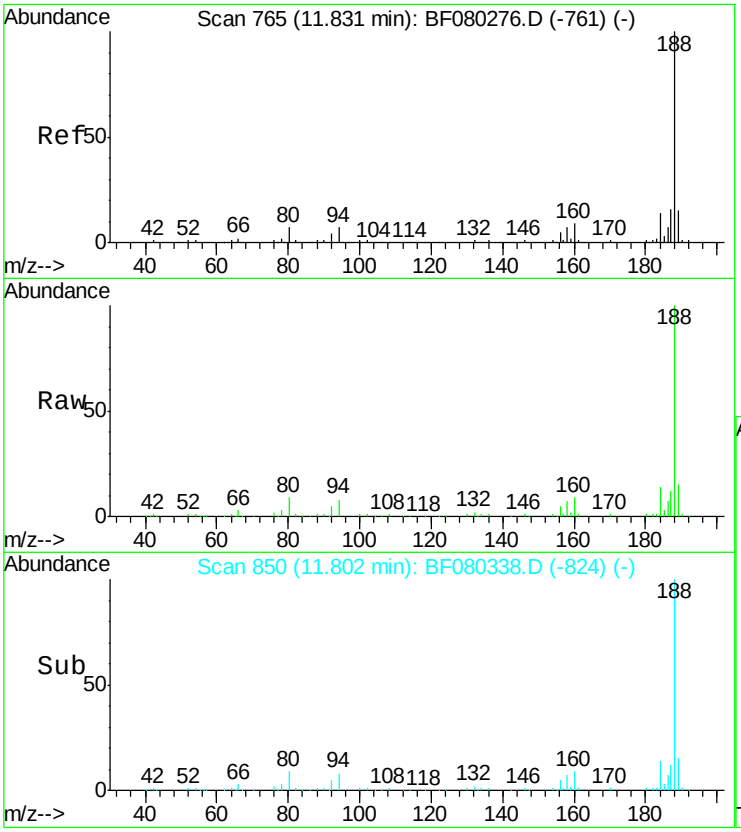


#62
Azobenzene
Concen: 51.78 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion: 77 Resp: 238842

Ion	Ratio	Lower	Upper
77	100		
182	36.1	0.0	38.9
105	24.9	1.3	41.3
51	27.3	11.1	51.1



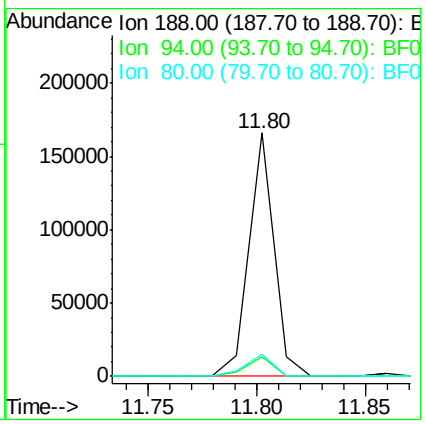


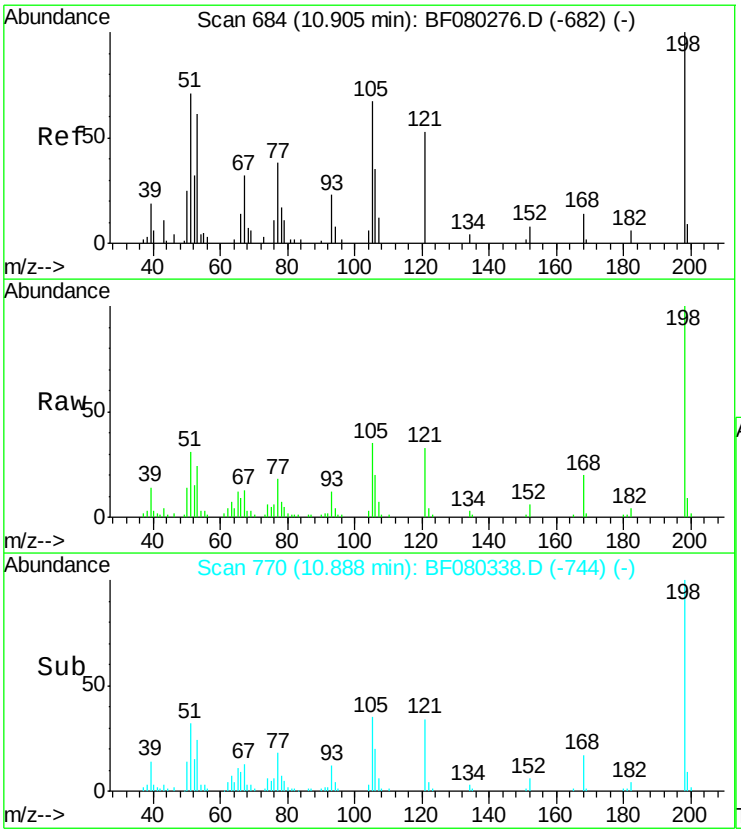
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:188 Resp: 133317

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.4	8.0#
80	9.2	5.8	8.6#

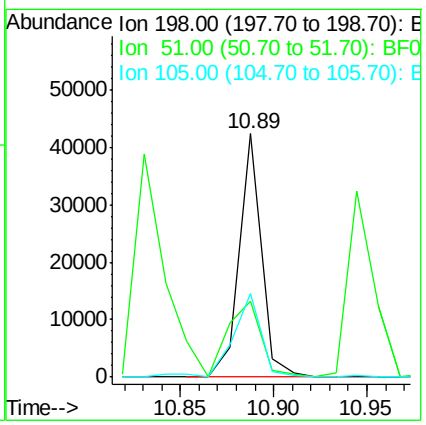


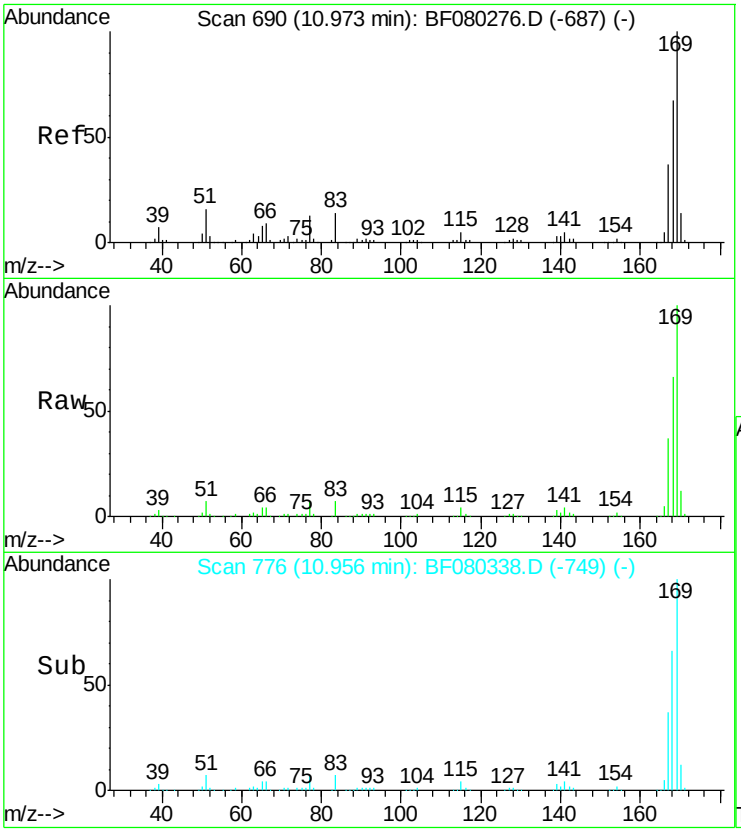


#64
4,6-Dinitro-2-methylphenol
Concen: 56.13 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:198 Resp: 35288

Ion	Ratio	Lower	Upper
198	100		
51	31.3	63.7	103.7#
105	34.6	46.9	86.9#



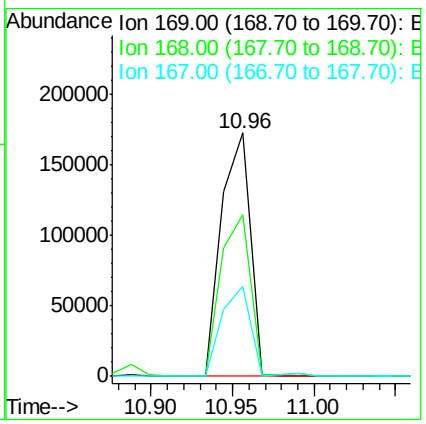


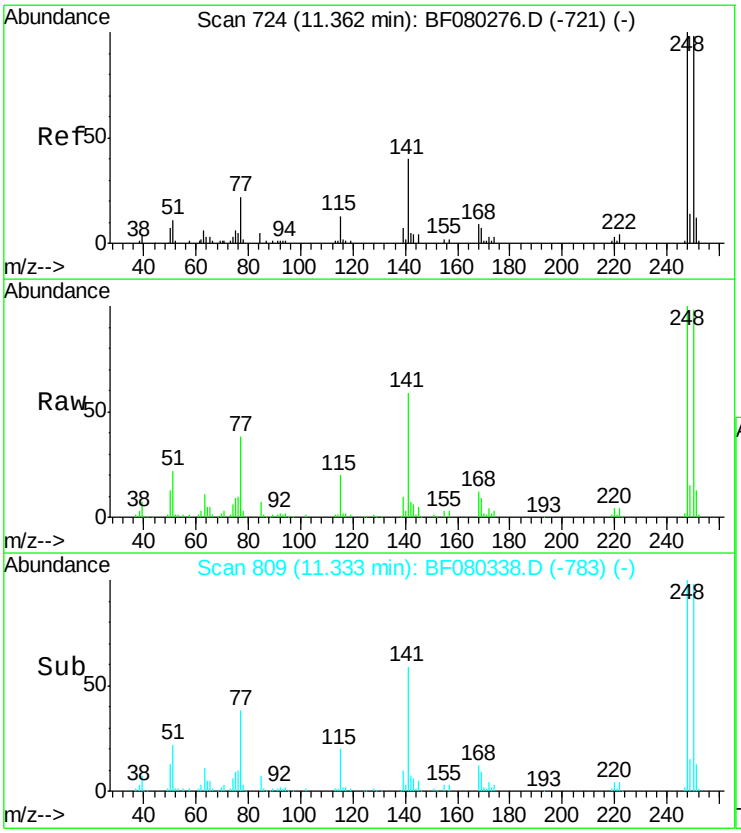
#65
n-Nitrosodiphenylamine
Concen: 48.01 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:169 Resp: 210311

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.6	80.4
167	36.8	29.9	44.9

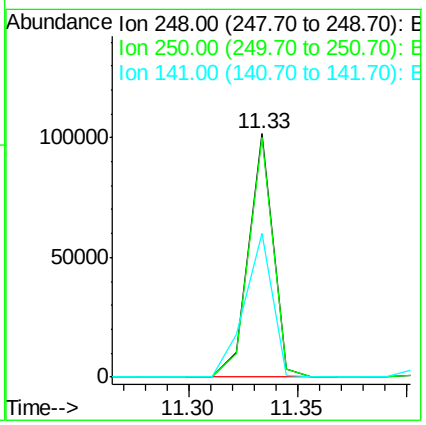


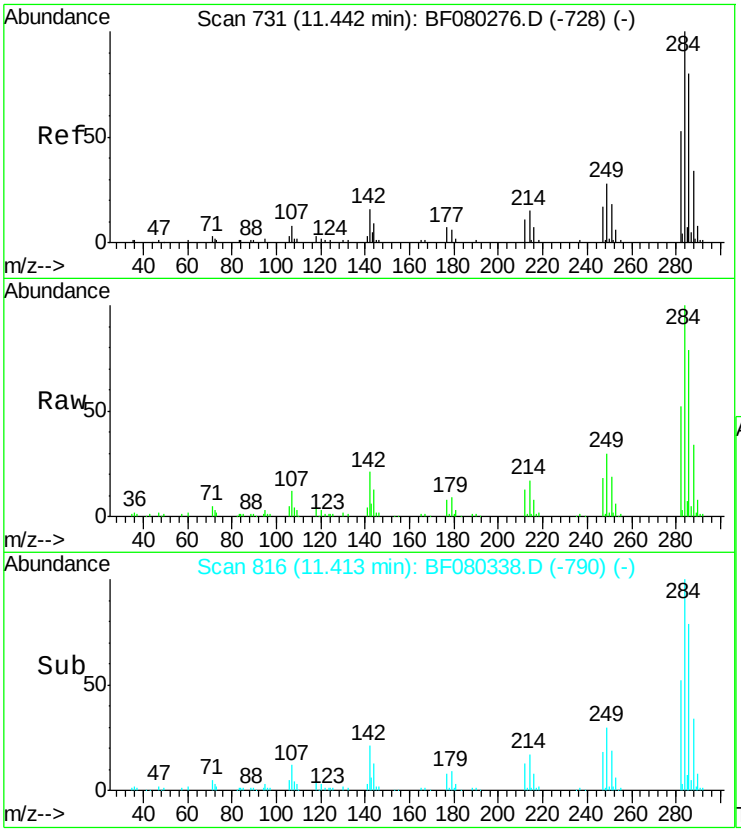


#66
4-Bromophenyl-phenylether
Concen: 54.86 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:248 Resp: 79039

Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.4
141	59.1	31.9	47.9#



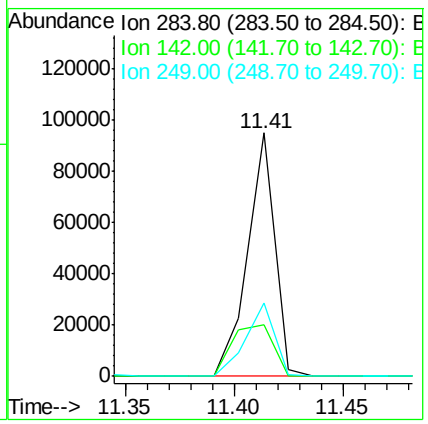


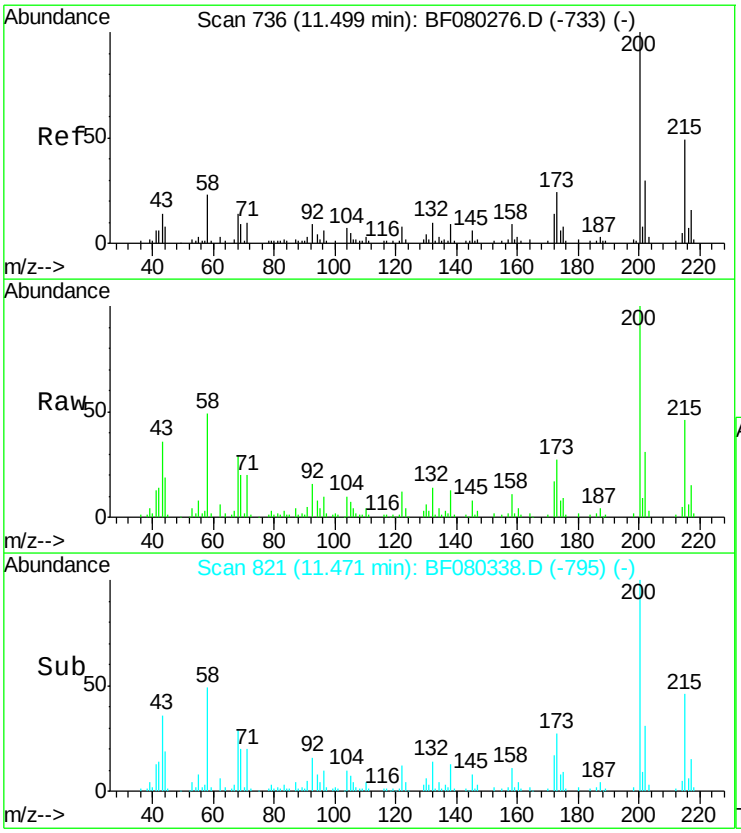
#67
Hexachlorobenzene
Concen: 53.37 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:284 Resp: 82423

Ion	Ratio	Lower	Upper
284	100		
142	21.4	12.5	18.7#
249	30.1	22.4	33.6

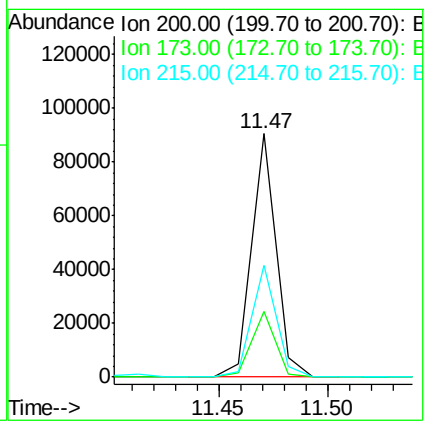


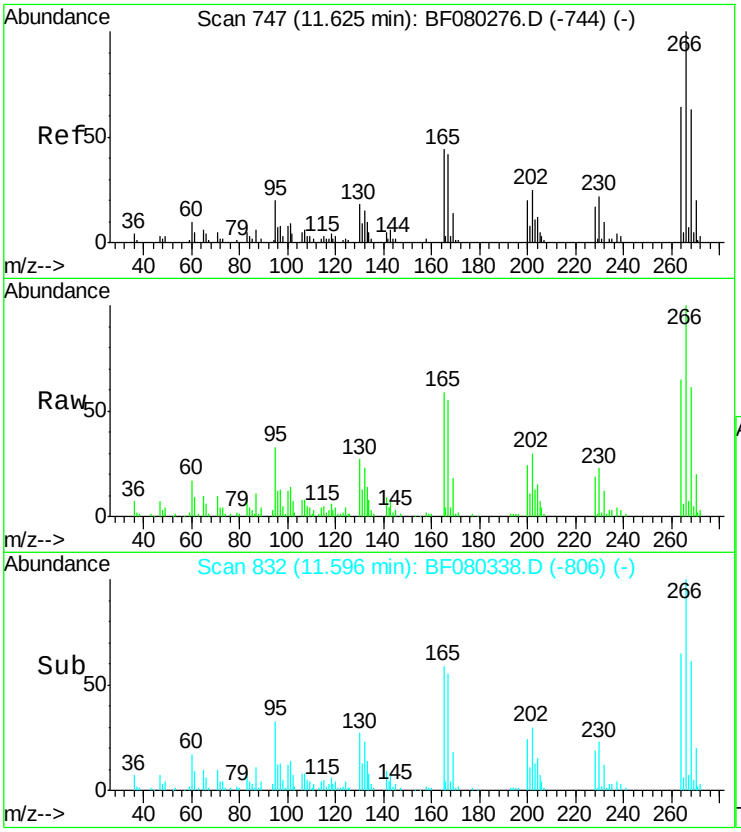


#68
Atrazine
Concen: 53.11 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:200 Resp: 70333

Ion	Ratio	Lower	Upper
200	100		
173	27.1	3.5	43.5
215	45.7	28.6	68.6



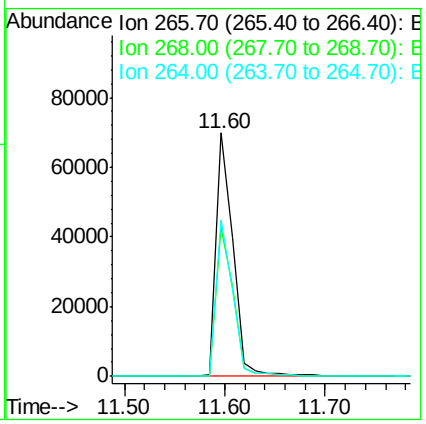


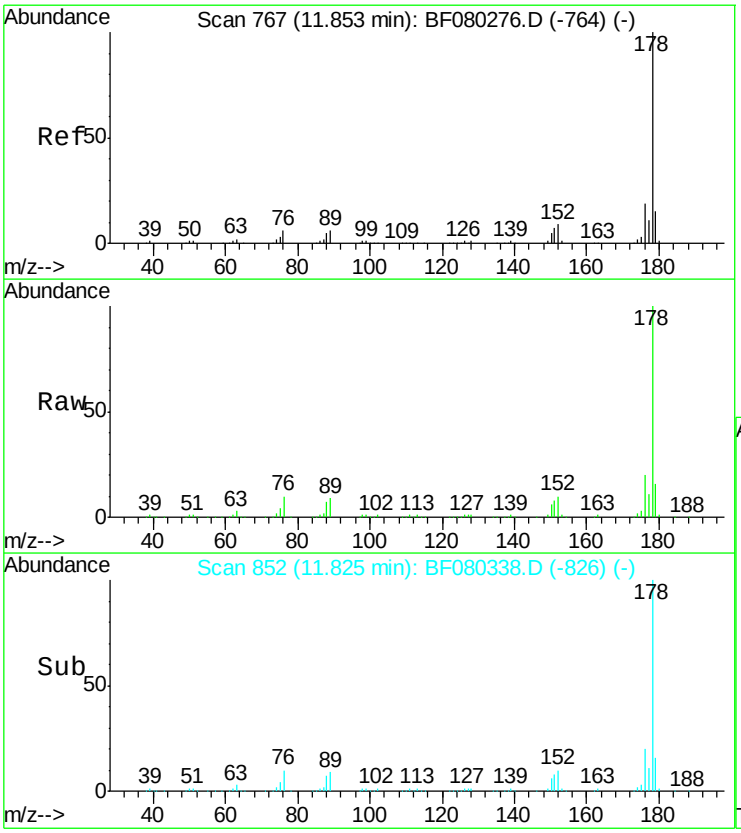
#69
Pentachlorophenol
Concen: 95.40 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:266 Resp: 81113

Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.7	76.1
264	64.6	51.3	76.9

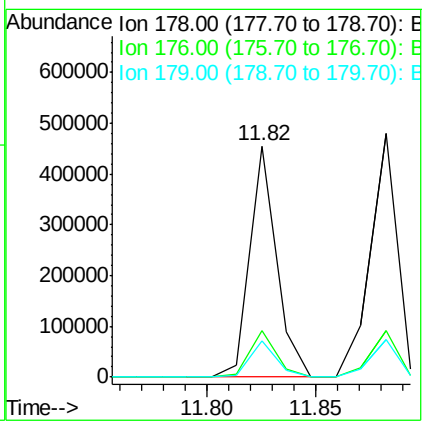


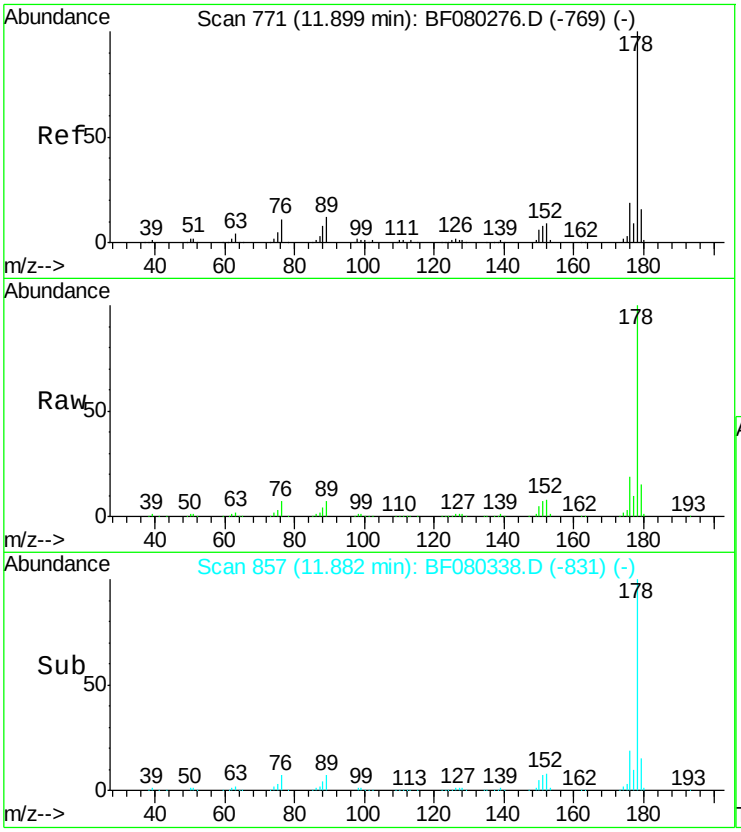


#70
Phenanthrene
Concen: 49.01 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:178 Resp: 391496

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.7	12.2	18.2



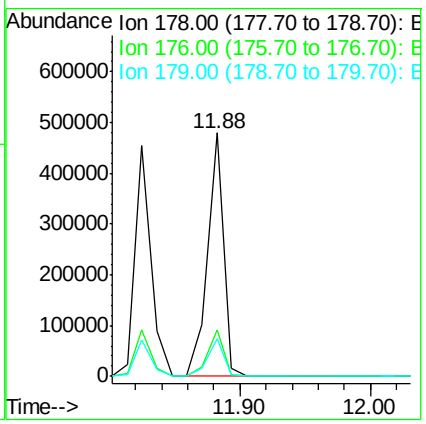


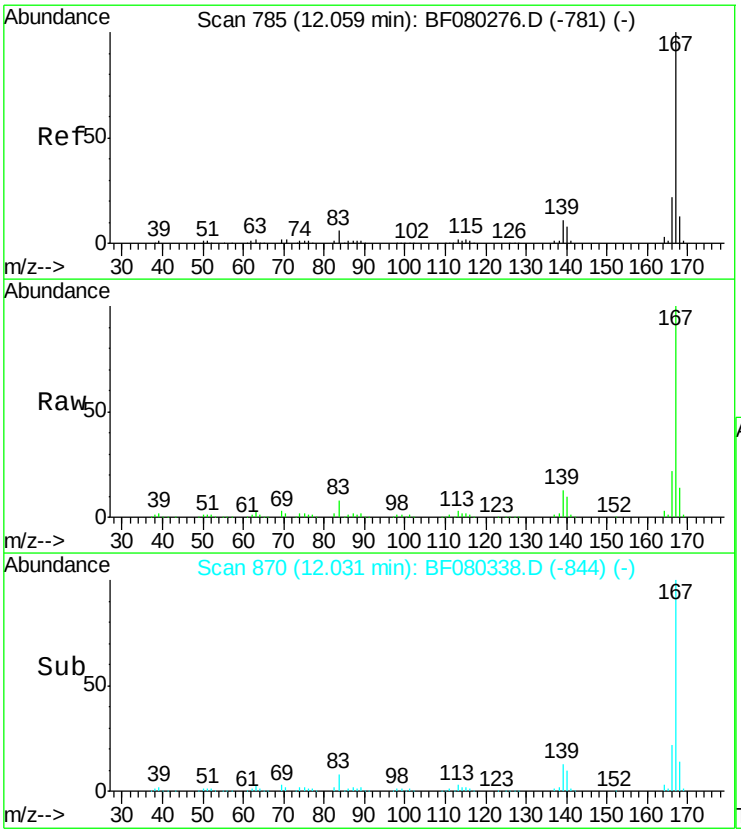
#71
Anthracene
Concen: 53.86 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:178 Resp: 412798

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.6	18.8

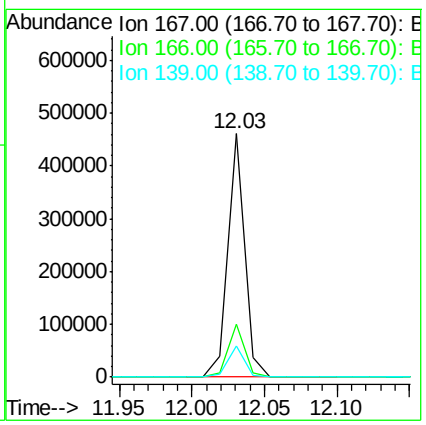


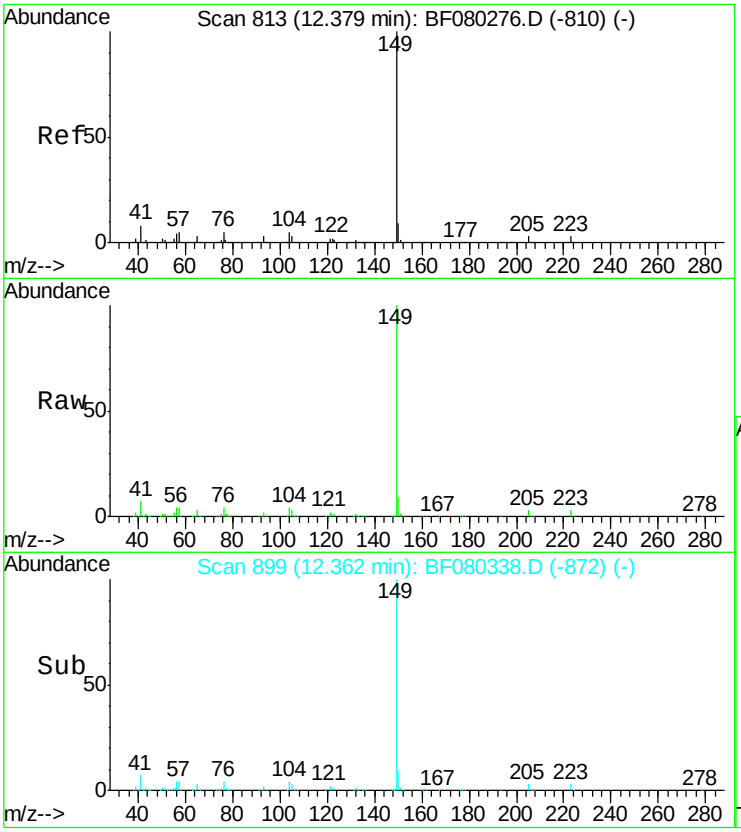


#72
Carbazole
Concen: 51.68 ng
RT: 12.03 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:167 Resp: 370404

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.9	8.6	13.0



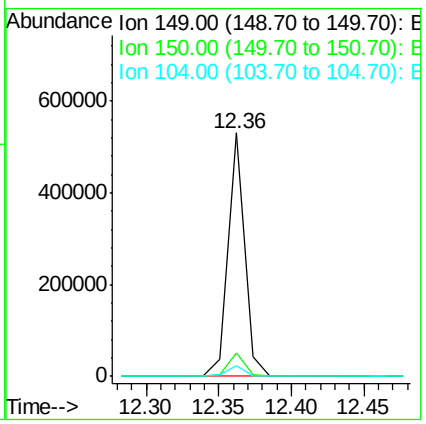


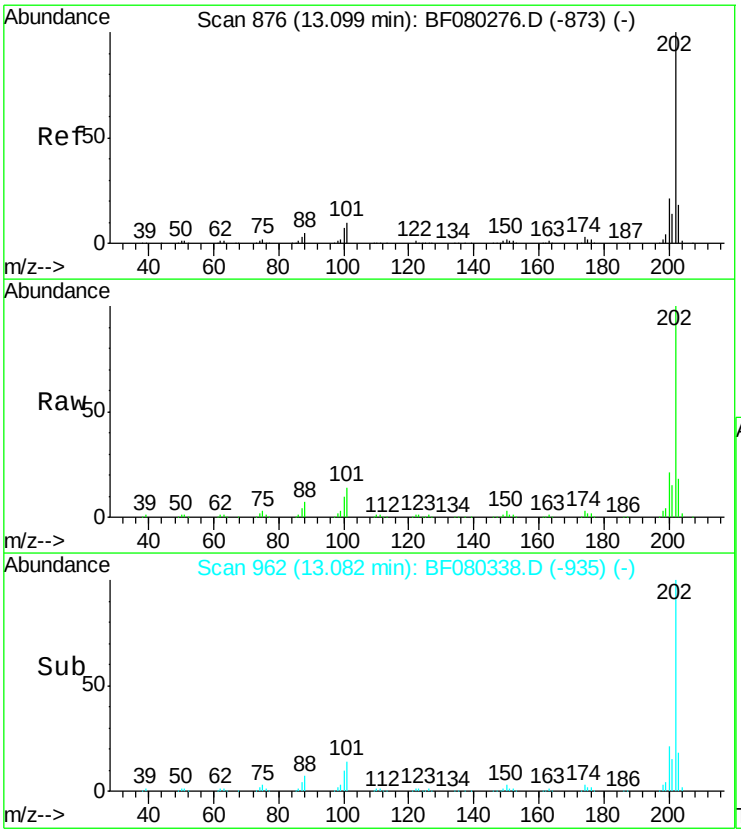
#73
Di-n-butylphthalate
Concen: 54.75 ng
RT: 12.36 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:149 Resp: 420956

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.5	3.7	5.5

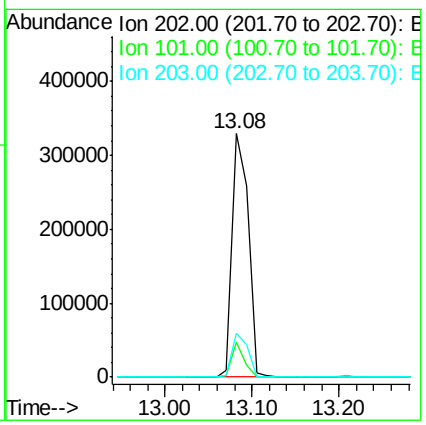


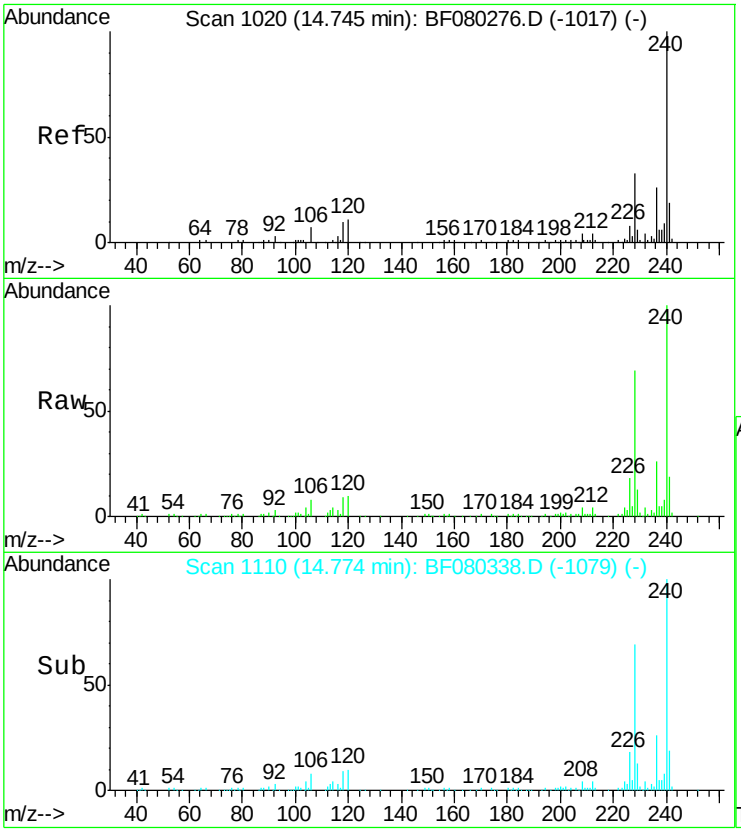


#74
Fluoranthene
Concen: 50.60 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:202 Resp: 417607

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.4
203	17.9	0.0	37.5



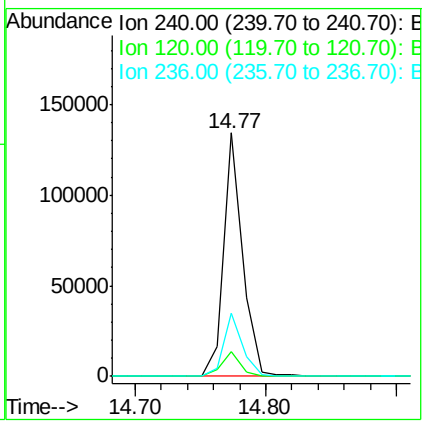


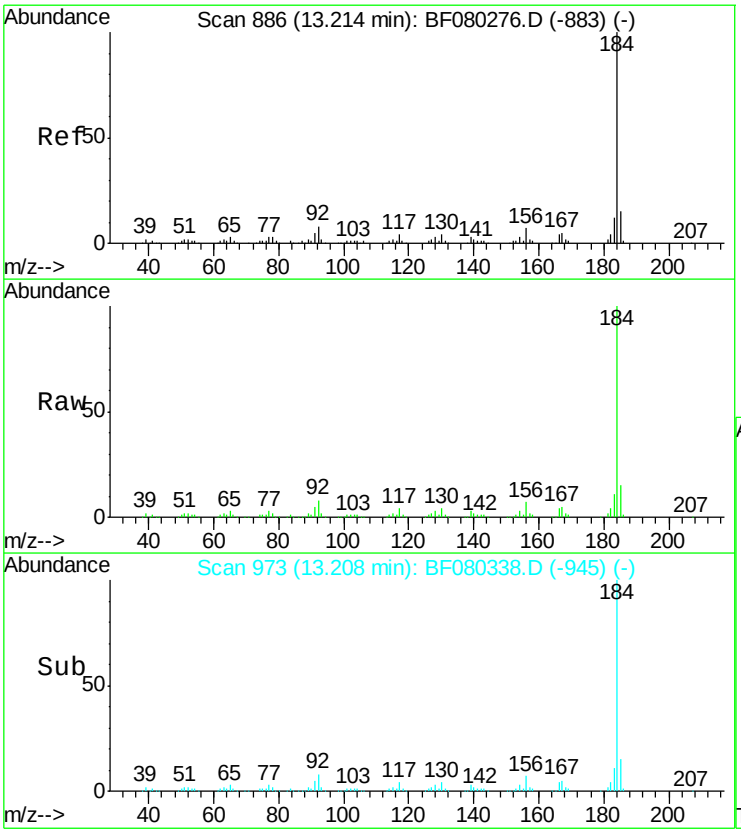
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1110
Delta R.T. 0.06 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:240 Resp: 136321

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.7	13.1
236	26.0	20.9	31.3

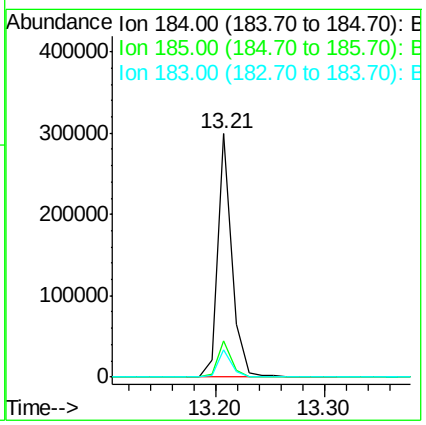


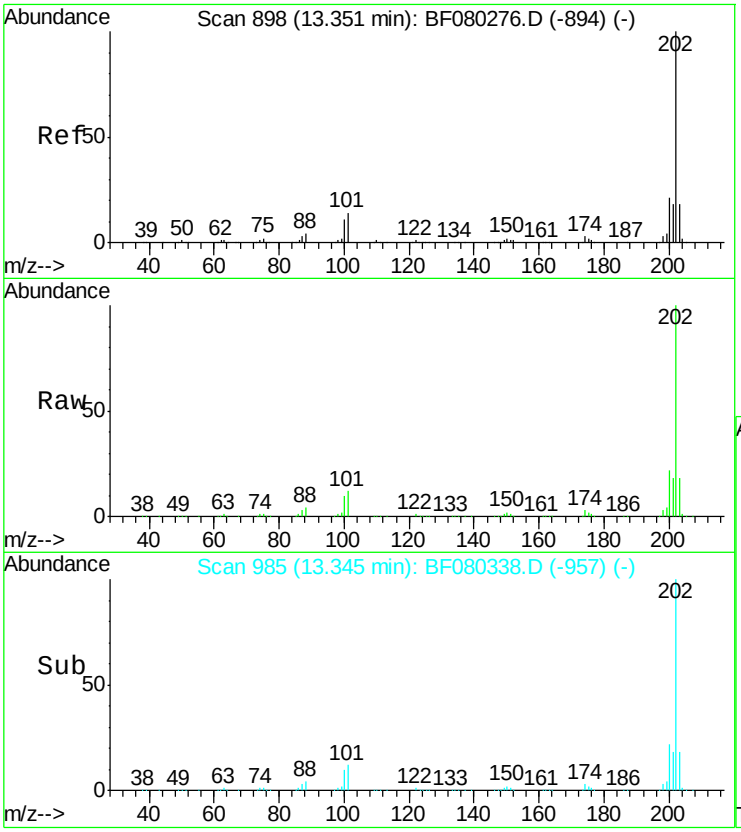


#76
Benzidine
Concen: 68.39 ng
RT: 13.21 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:184 Resp: 273015

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.4	9.4	14.0



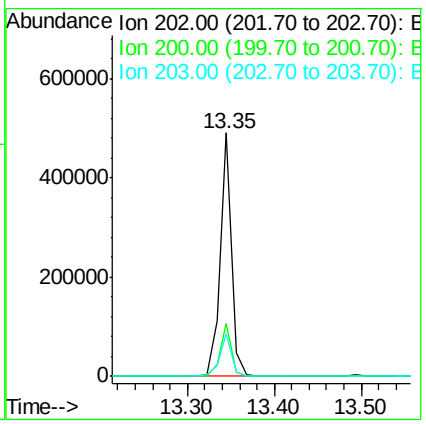


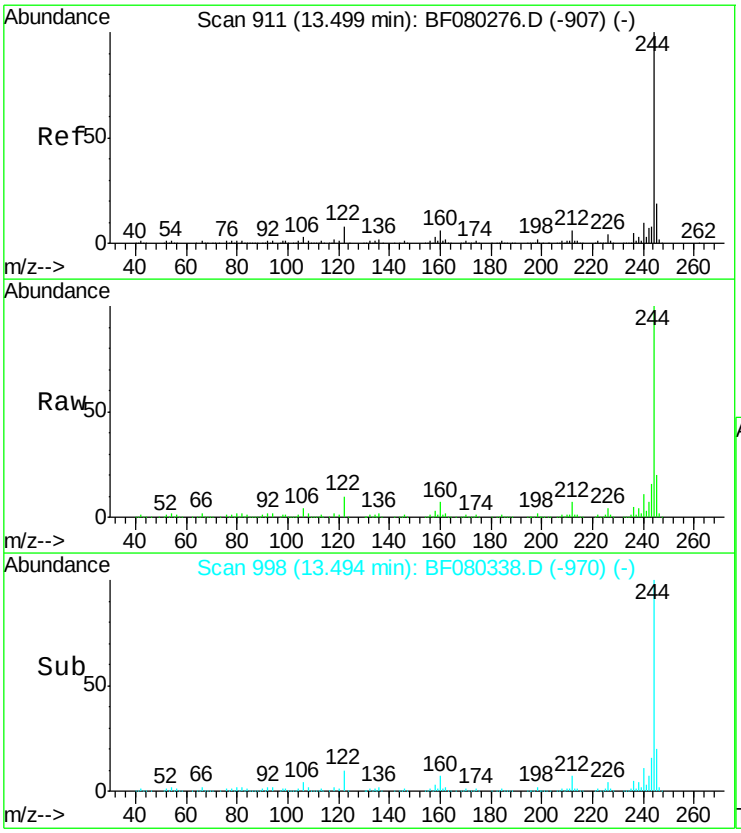
#77
Pyrene
Concen: 51.83 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:202 Resp: 452258

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.6
203	17.7	14.0	21.0

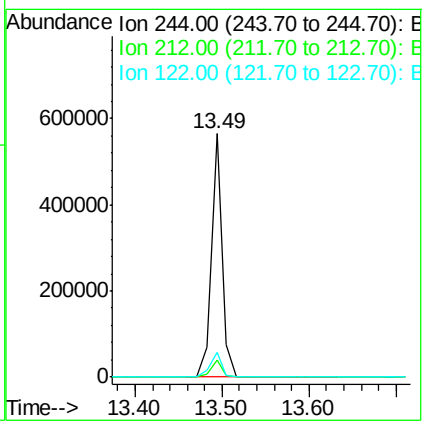


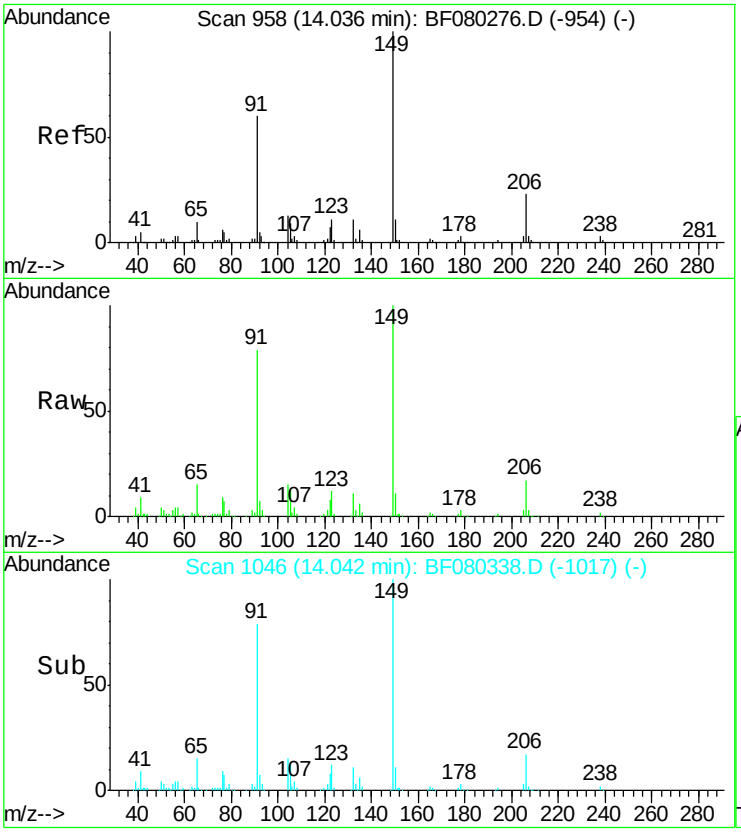


#78
Terphenyl-d14
Concen: 84.31 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:244 Resp: 490678

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.6
122	10.4	6.6	9.8#



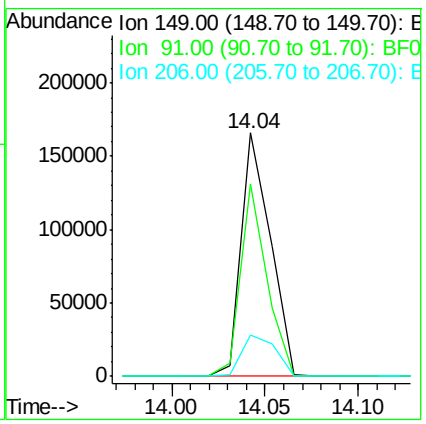


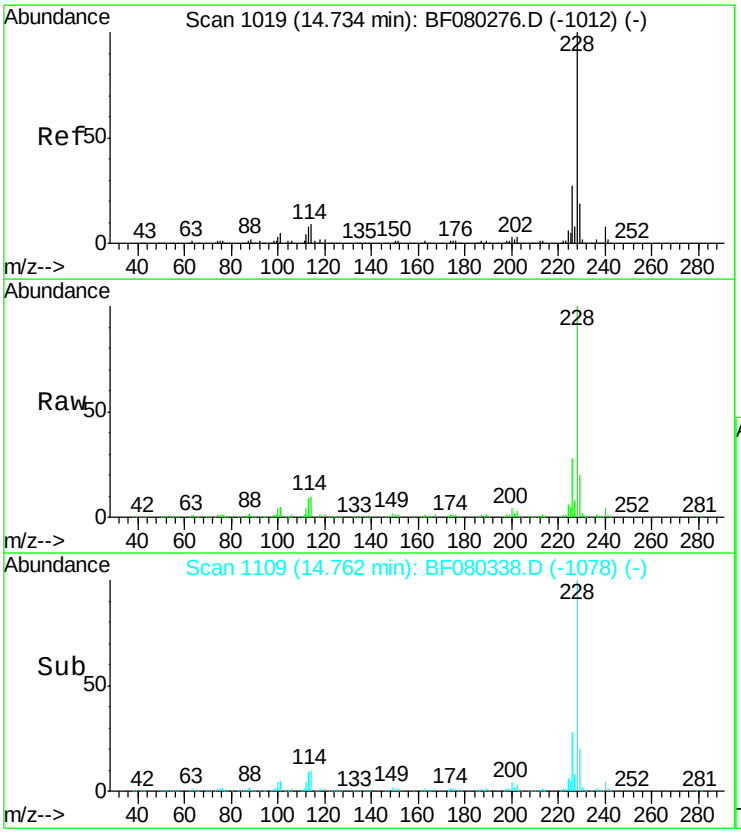
#79
Butylbenzylphthalate
Concen: 54.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:149 Resp: 180657

Ion	Ratio	Lower	Upper
149	100		
91	79.3	48.1	72.1#
206	17.1	18.1	27.1#

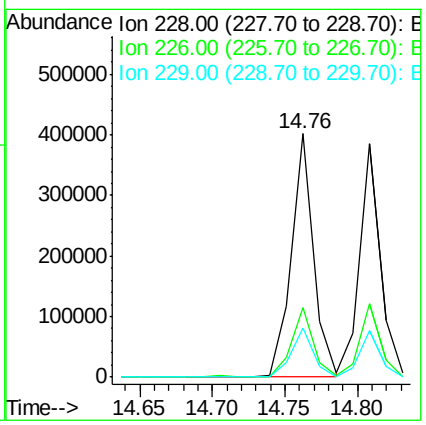


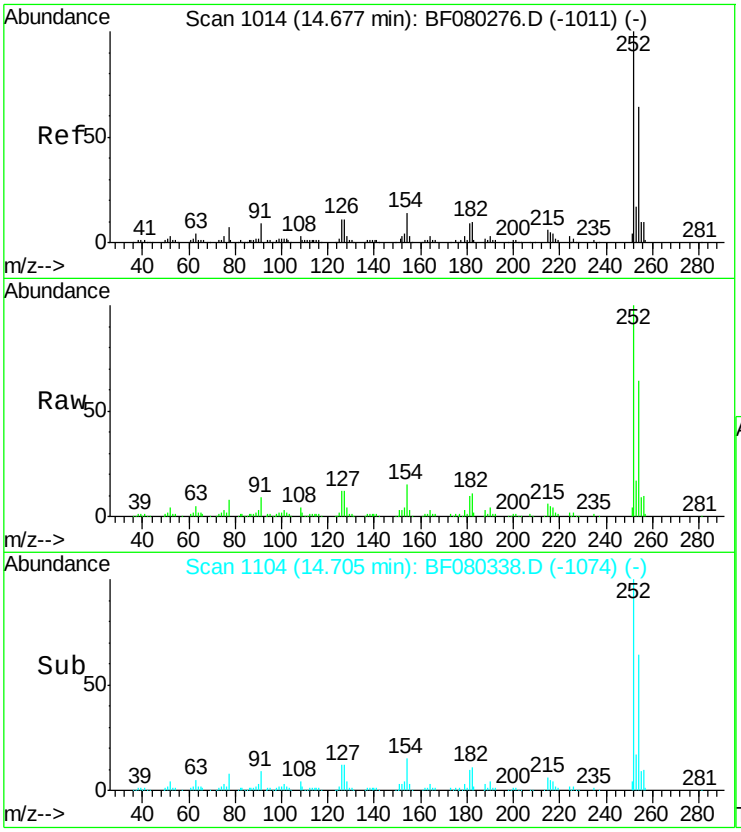


#80
Benzo(a)anthracene
Concen: 51.61 ng
RT: 14.76 min Scan# 1109
Delta R.T. 0.06 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:228 Resp: 425150

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	20.1	15.5	23.3



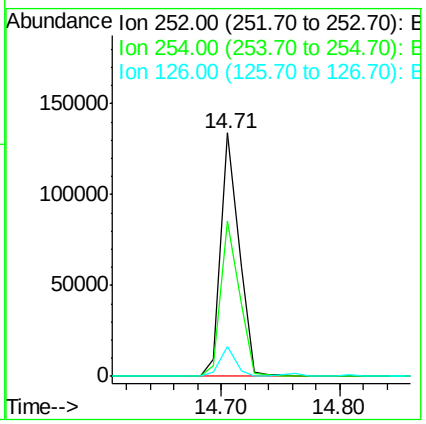


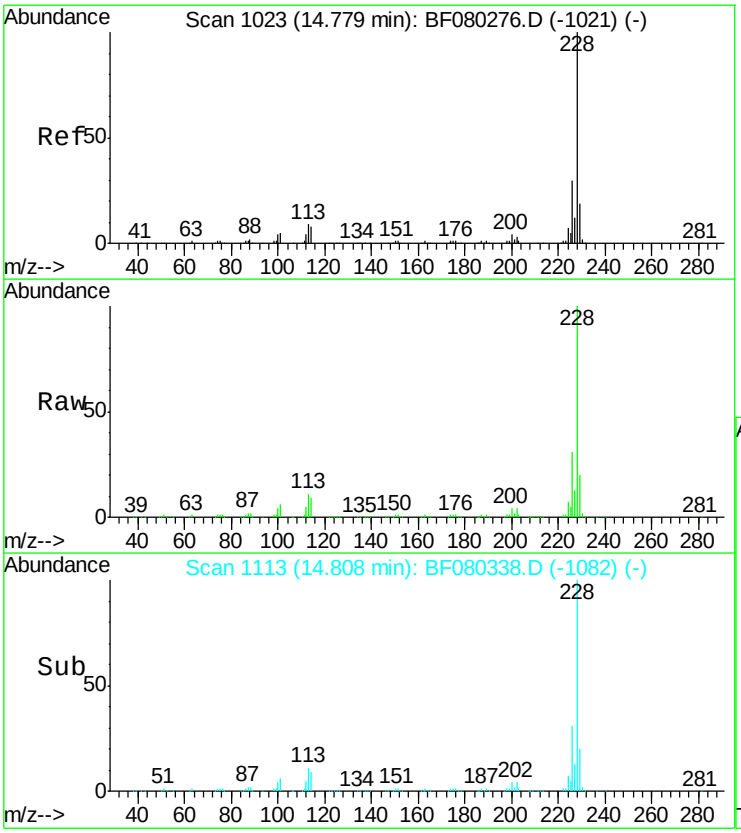
#81
3,3'-Dichlorobenzidine
Concen: 53.19 ng
RT: 14.71 min Scan# 1104
Delta R.T. 0.05 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:252 Resp: 143056

Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.8	76.2
126	12.1	9.0	13.6

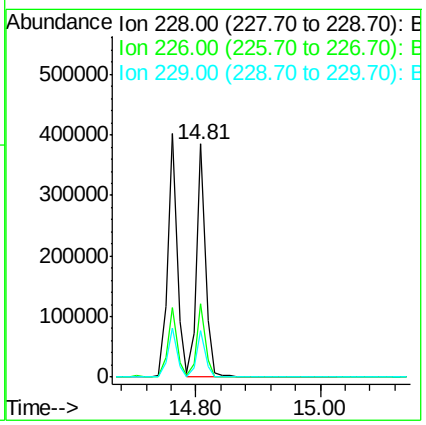


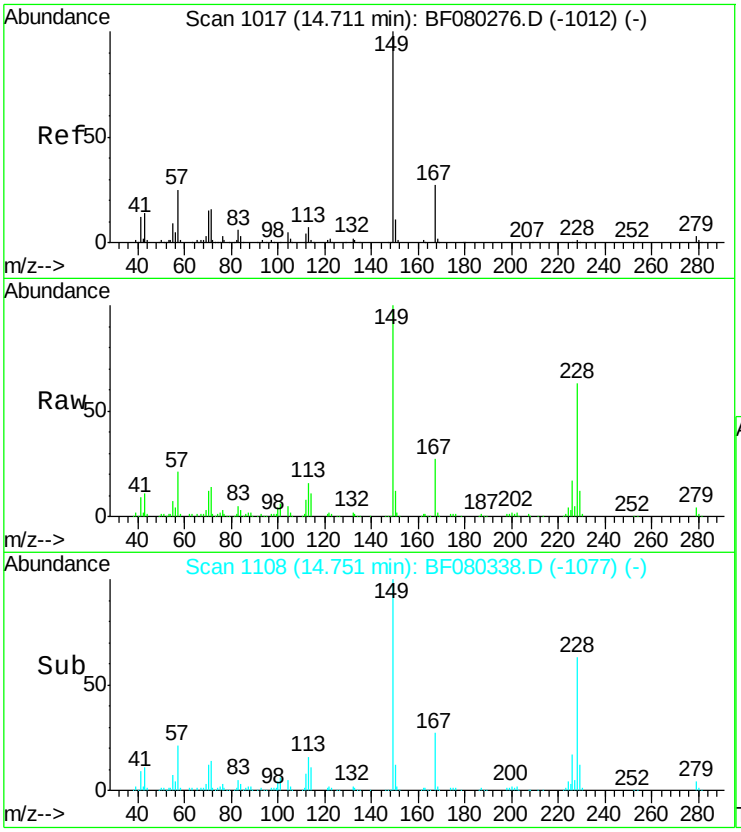


#82
Chrysene
Concen: 51.66 ng
RT: 14.81 min Scan# 1113
Delta R.T. 0.06 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:228 Resp: 392358

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	19.7	15.4	23.0



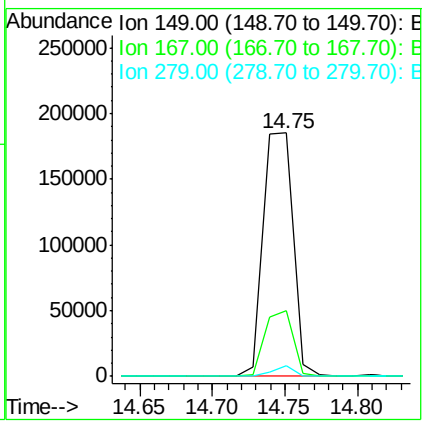


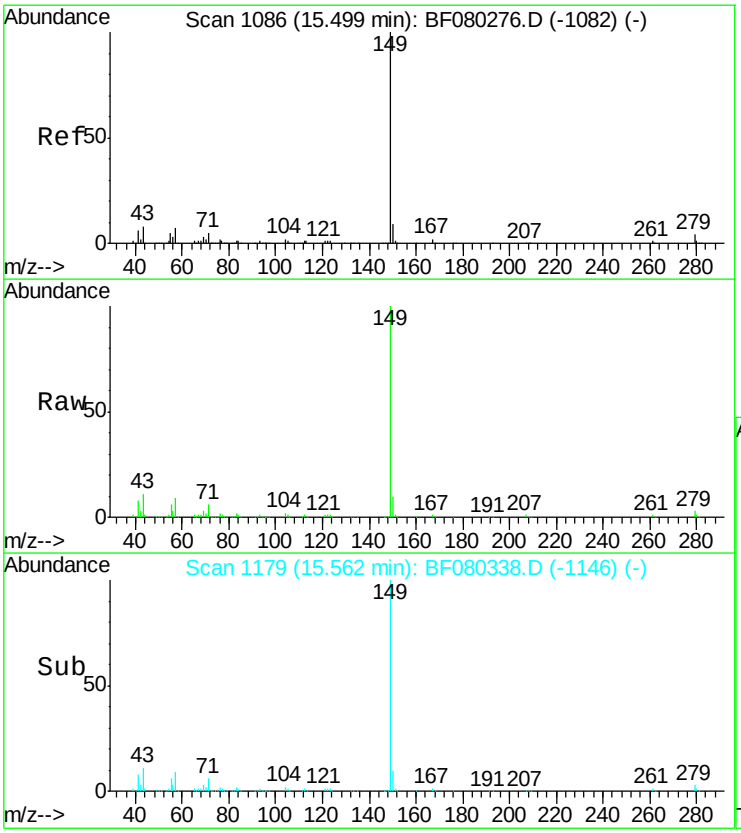
#83
Bis(2-ethylhexyl)phthalate
Concen: 56.27 ng
RT: 14.75 min Scan# 1108
Delta R.T. 0.06 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:149 Resp: 265009

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	4.2	2.7	4.1#

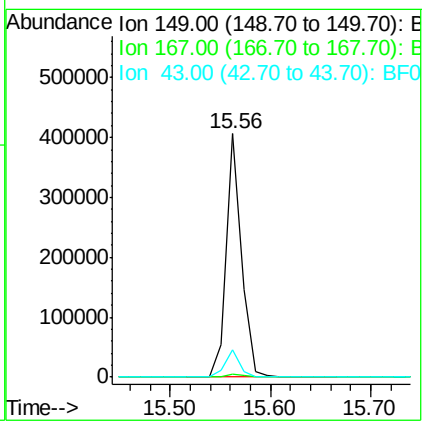


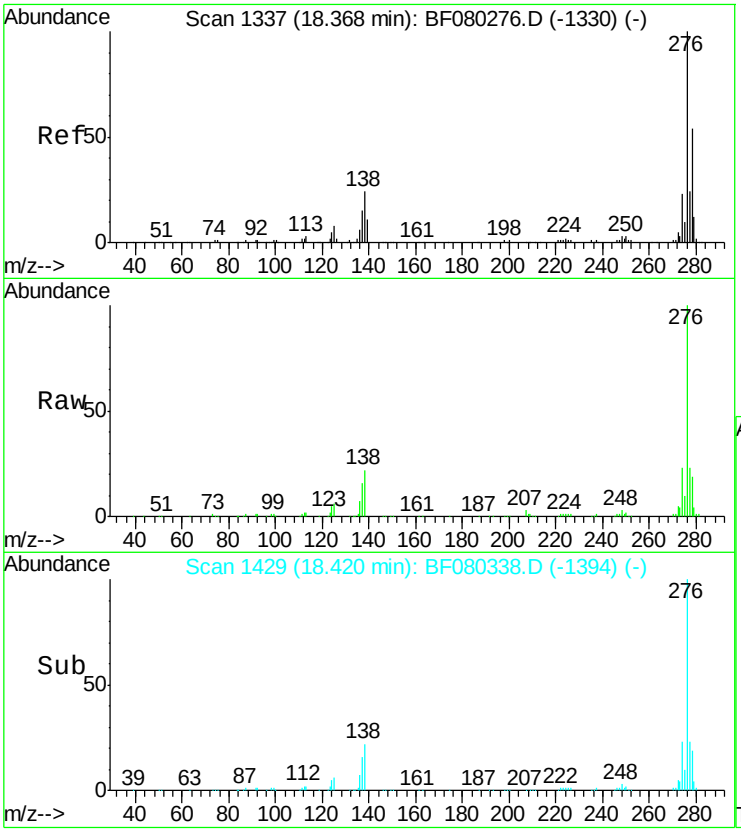


#84
Di-n-octyl phthalate
Concen: 53.68 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.08 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:149 Resp: 425969

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.6	8.3	12.5



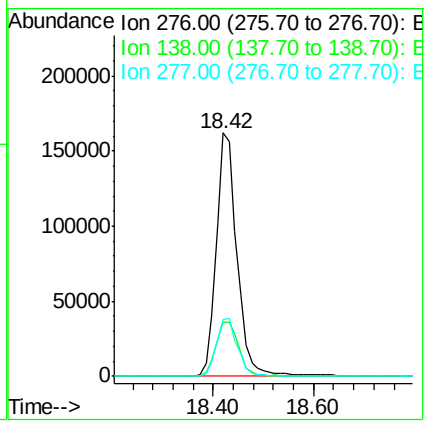


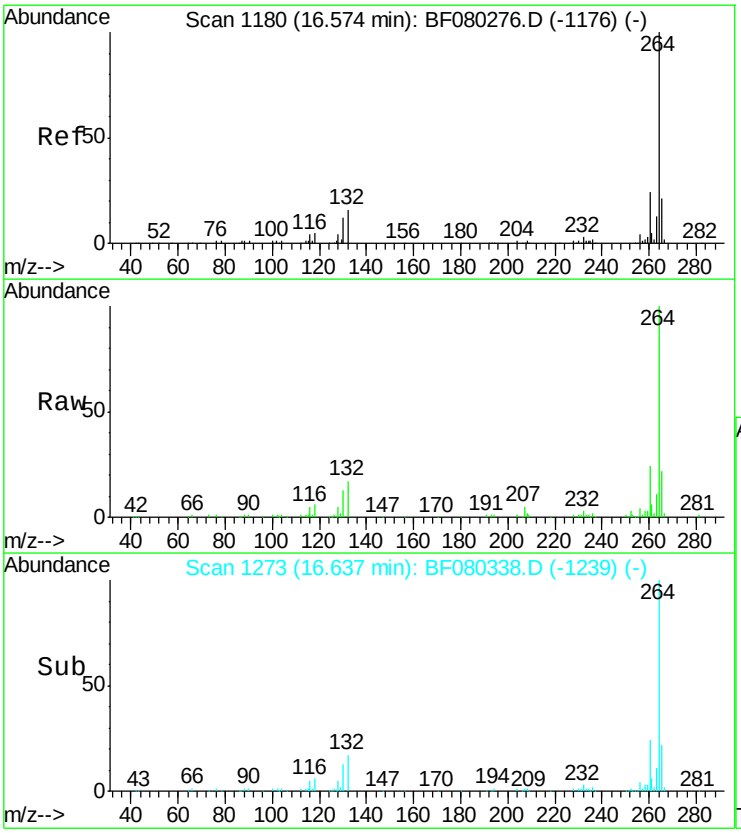
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.37 ng
RT: 18.42 min Scan# 1429
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:276 Resp: 464236

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.0	31.6
277	24.4	19.4	29.0

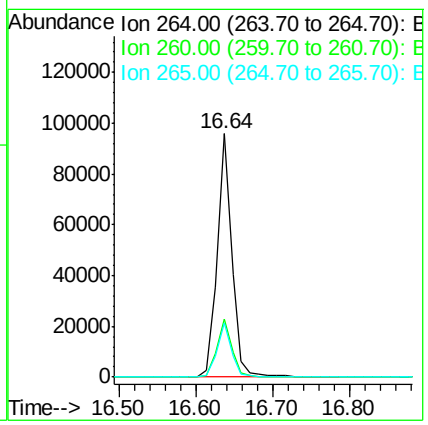


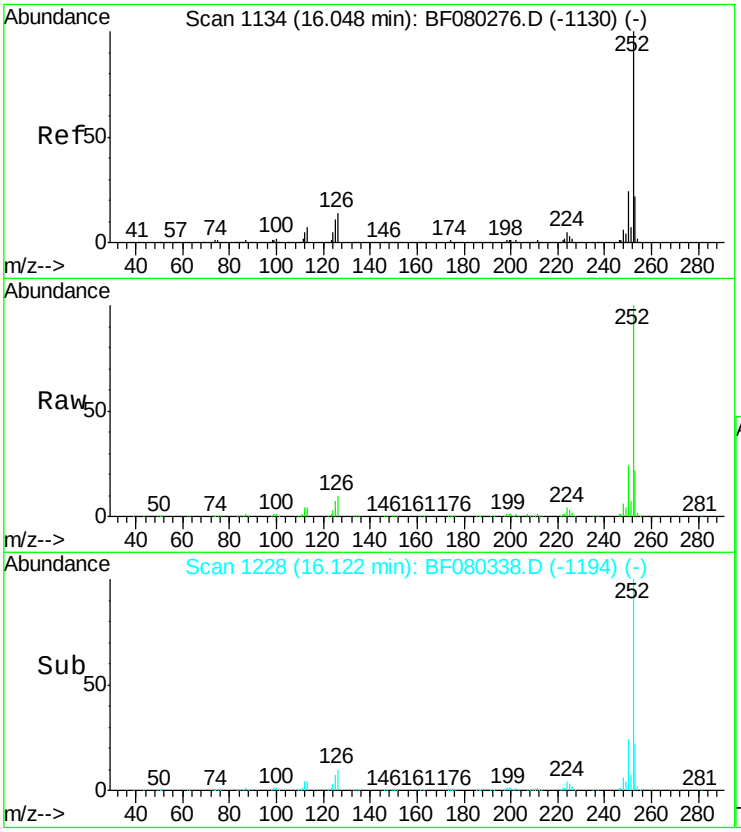


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.64 min Scan# 1273
Delta R.T. 0.09 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:264 Resp: 128180

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.9	25.3



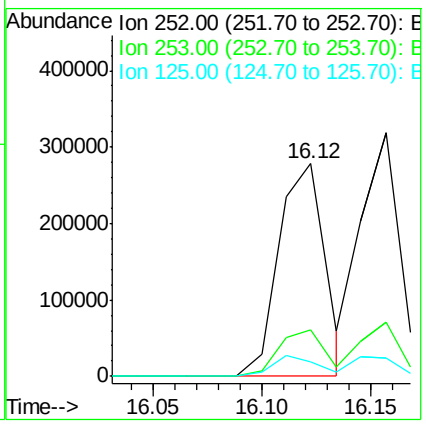


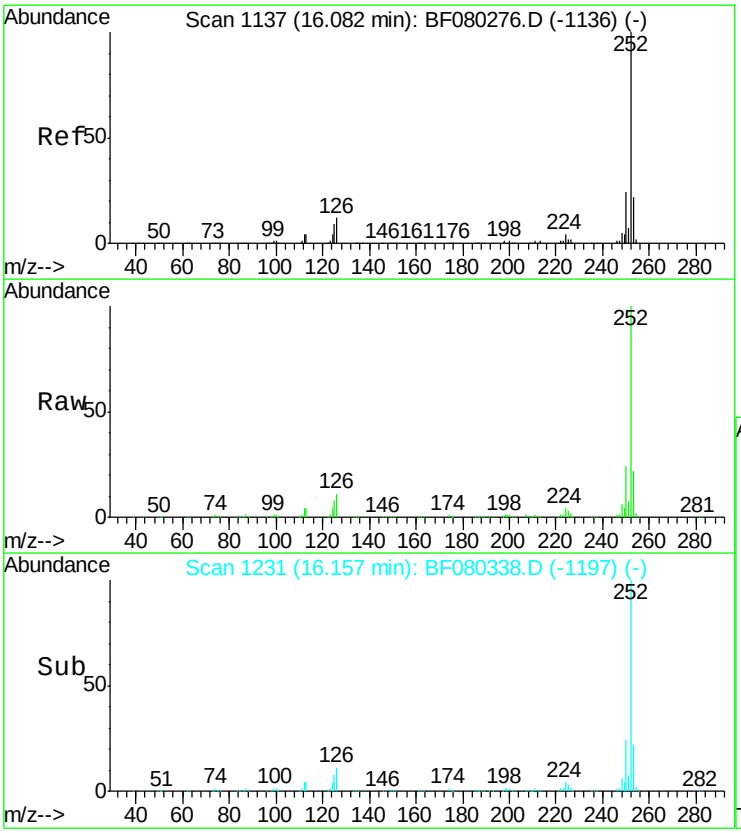
#87
Benzo(b)fluoranthene
Concen: 50.94 ng
RT: 16.12 min Scan# 1228
Delta R.T. 0.09 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:252 Resp: 412455

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.0	8.6	12.8#

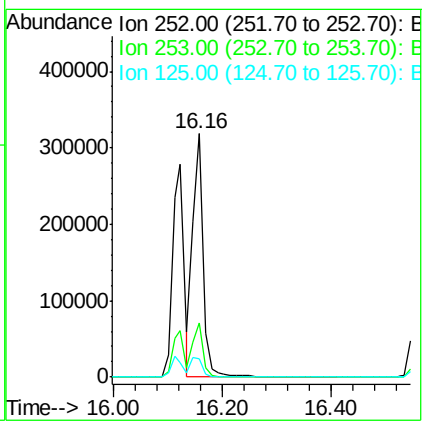


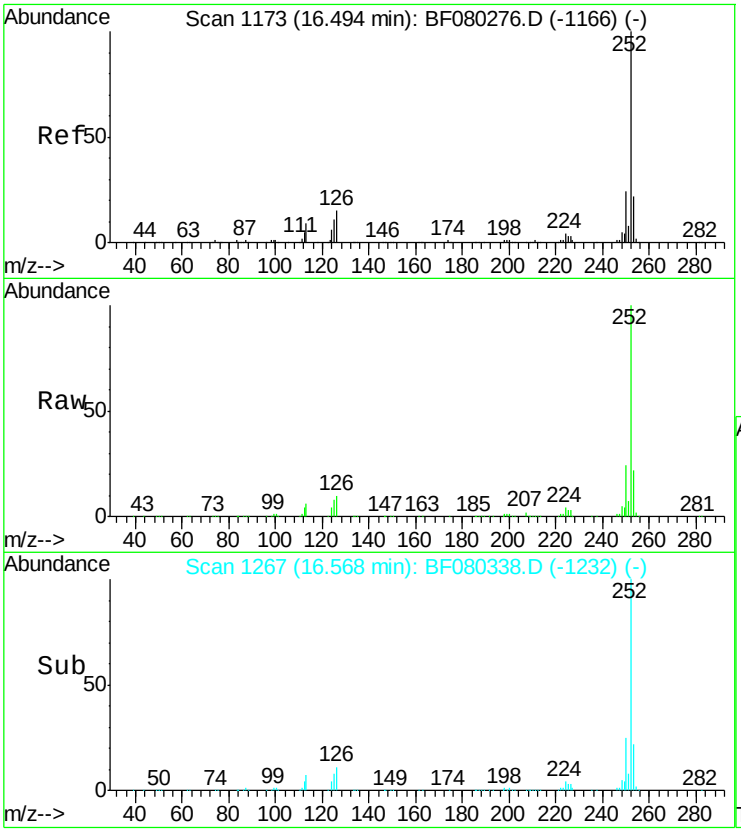


#88
Benzo(k)fluoranthene
Concen: 55.20 ng
RT: 16.16 min Scan# 1231
Delta R.T. 0.09 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:252 Resp: 420922

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.8	8.4	12.6#



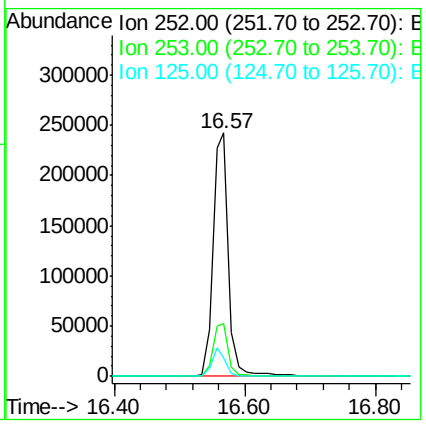


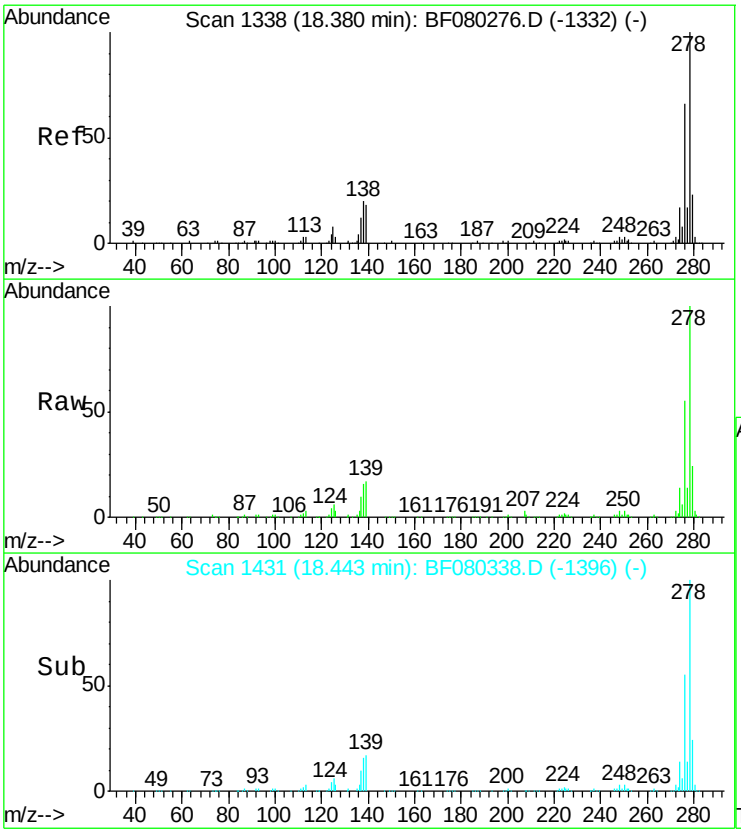
#89
Benzo(a)pyrene
Concen: 55.28 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:252 Resp: 407884

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	7.6	9.0	13.4#

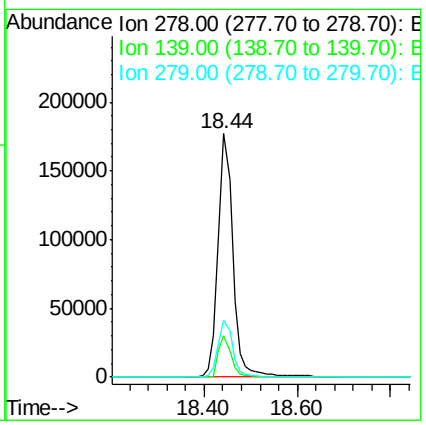


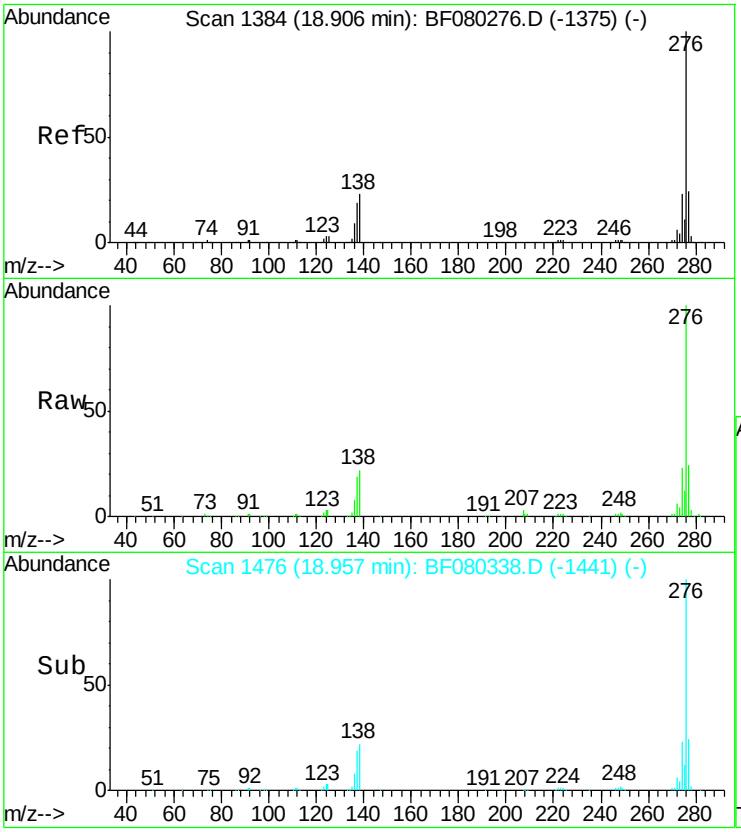


#90
Dibenzo(a,h)anthracene
Concen: 56.34 ng
RT: 18.44 min Scan# 1431
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:278 Resp: 390043

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.6	21.8
279	23.5	18.7	28.1





#91
Benzo(g,h,i)perylene
Concen: 55.36 ng
RT: 18.96 min Scan# 1476
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:276 Resp: 399827

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	22.2	18.1	27.1