Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082562.D
Acq On : 27 Oct 2015 22:40
Operator : UM/IZ
Sample : G4157-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WOOD-1

Quant Time: Oct 28 00:08:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	83516	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	334947	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	158149	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	280162	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	184999	20.00	ng		-0.03
86) Perylene-d12	15.29	264	162915	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	573892	135.65	ng		0.01
7) Phenol-d6	6.38	99	637506	115.62	ng		0.00
23) Nitrobenzene-d5	7.29	82	519319	100.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	174225	147.12	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	971009	97.63	ng		-0.02
78) Terphenyl-d14	12.82	244	768295	119.65	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	14674	3.59	ng		88
15) Benzyl Alcohol	6.87	79	9585	2.50	ng	#	54
17) 2-Methylphenol	7.17	107	30775	7.73	ng	#	69
19) n-Nitroso-di-n-propylamine	7.29	70	68139	18.97	ng	#	74
20) 3+4-Methylphenols	7.17	107	32305	6.35	ng		88
25) Isophorone	7.29	82	507000	49.15	ng	#	64
31) Naphthalene	8.02	128	139263	9.10	ng		99
32) Benzoic acid	7.81	122	6577	2.58	ng		97
33) 4-Chloroaniline	8.02	127	17456	2.94	ng	#	47
47) 2-Nitroaniline	9.25	65	62833	23.32	ng	#	23
50) 2,6-Dinitrotoluene	9.75	165	20307	8.42	ng	#	39
55) 4-Nitrophenol	9.97	139	2722	9.21	ng	#	11
56) 2,4-Dinitrotoluene	9.75	165	20307	6.94	ng	#	11
59) Diethylphthalate	10.18	149	60189	5.62	ng		98
61) 4-Nitroaniline	10.48	138	50110	19.11	ng	#	28
66) 4-Bromophenyl-phenylether	10.55	248	14554	5.54	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
Data File : BF082562.D
Acq On : 27 Oct 2015 22:40
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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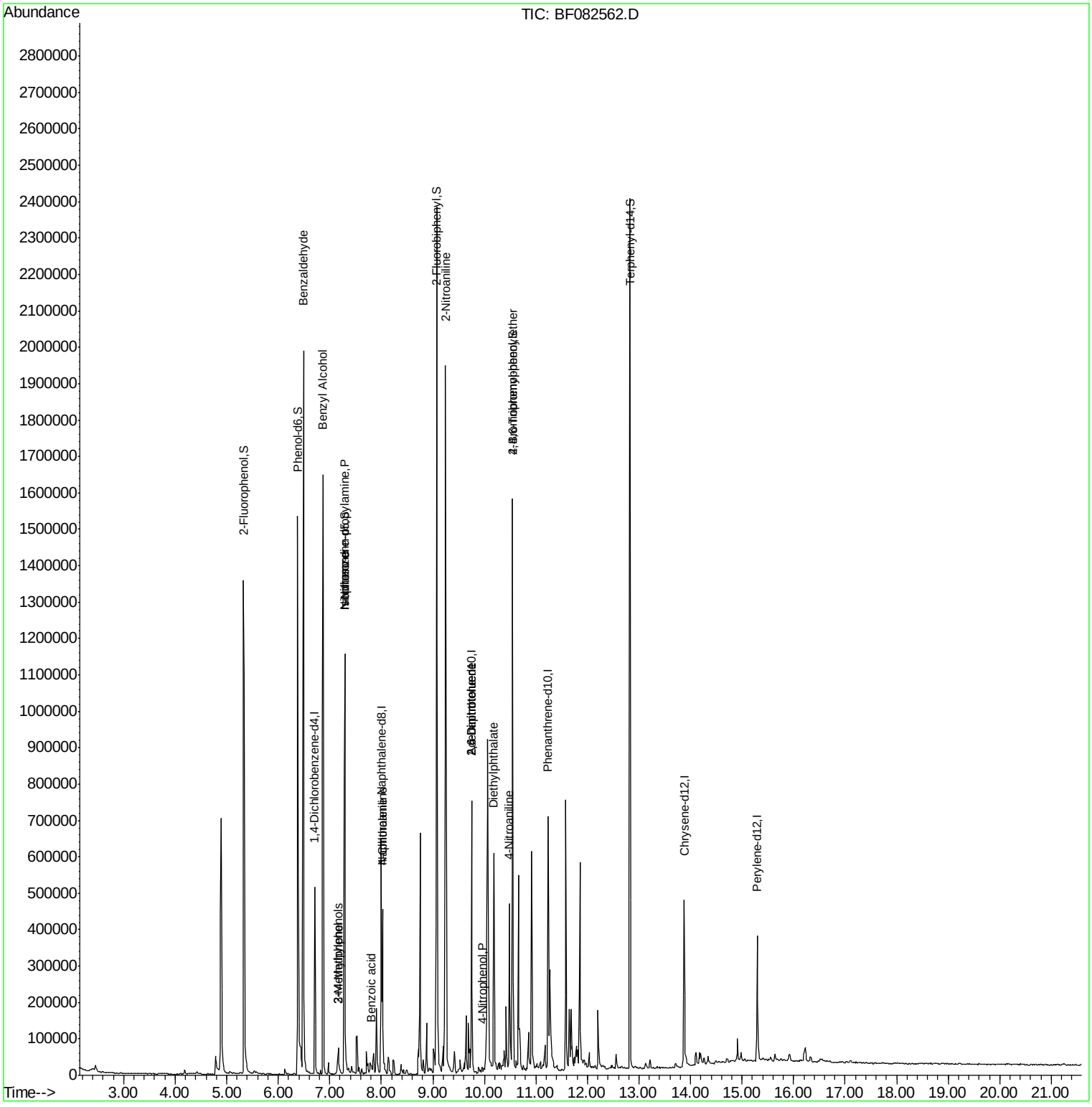
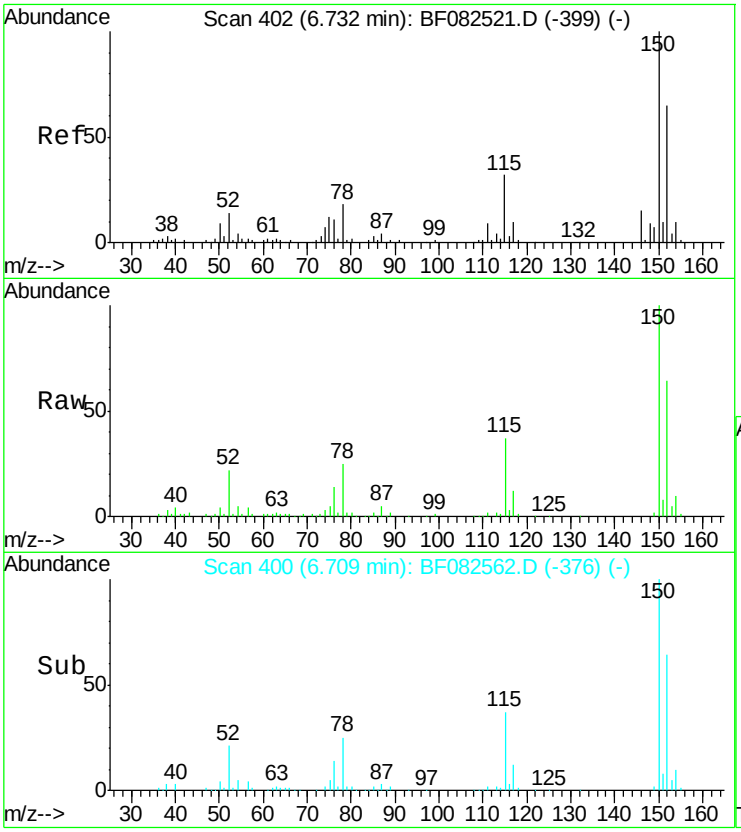


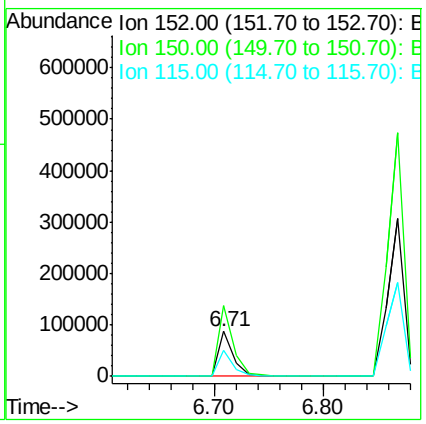


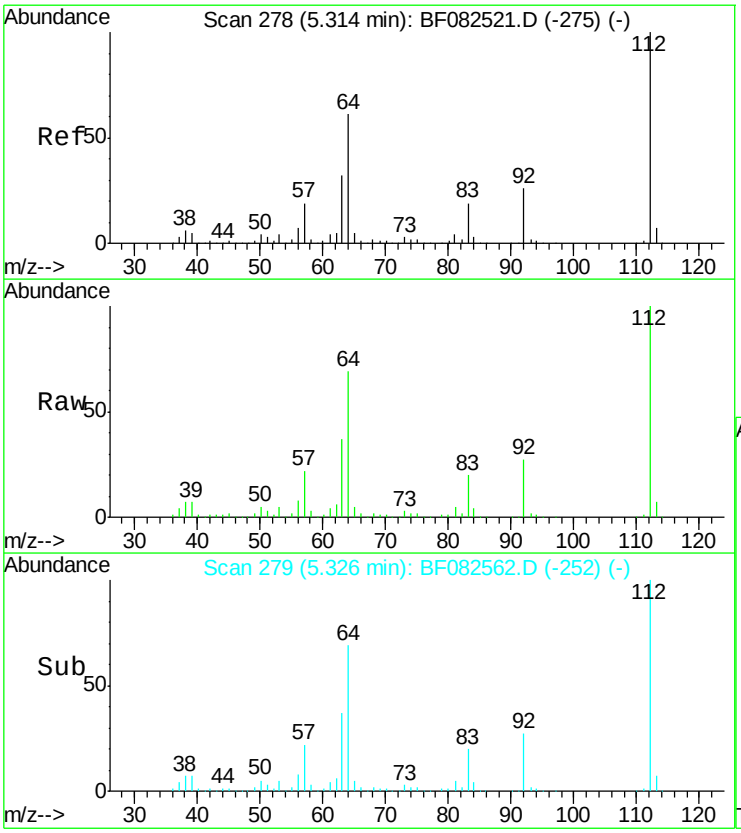
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:152 Resp: 83516

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.4	185.0
115	58.4	39.0	58.4

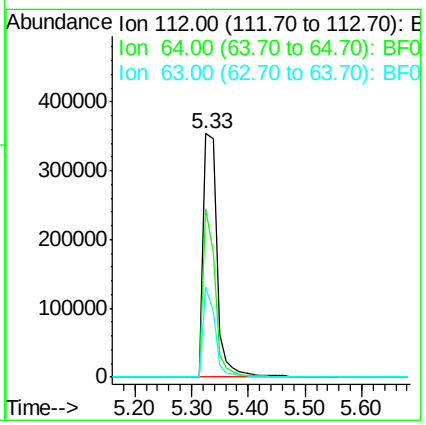


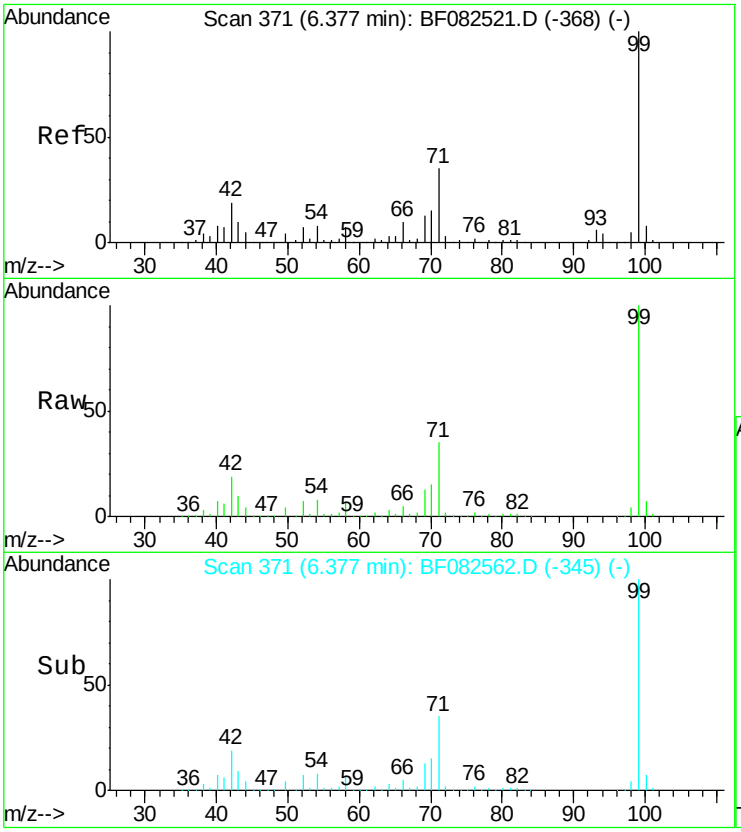


#5
2-Fluorophenol
Concen: 135.65 ng
RT: 5.33 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:112 Resp: 573892

Ion	Ratio	Lower	Upper
112	100		
64	69.2	49.0	73.4
63	37.1	25.8	38.6



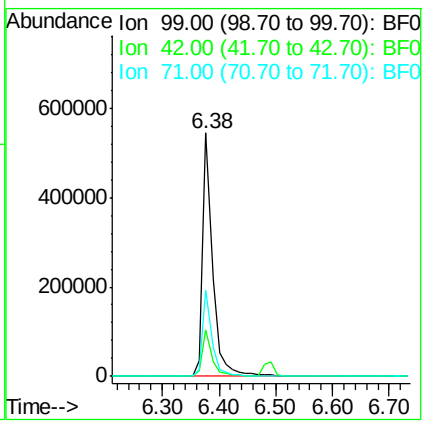


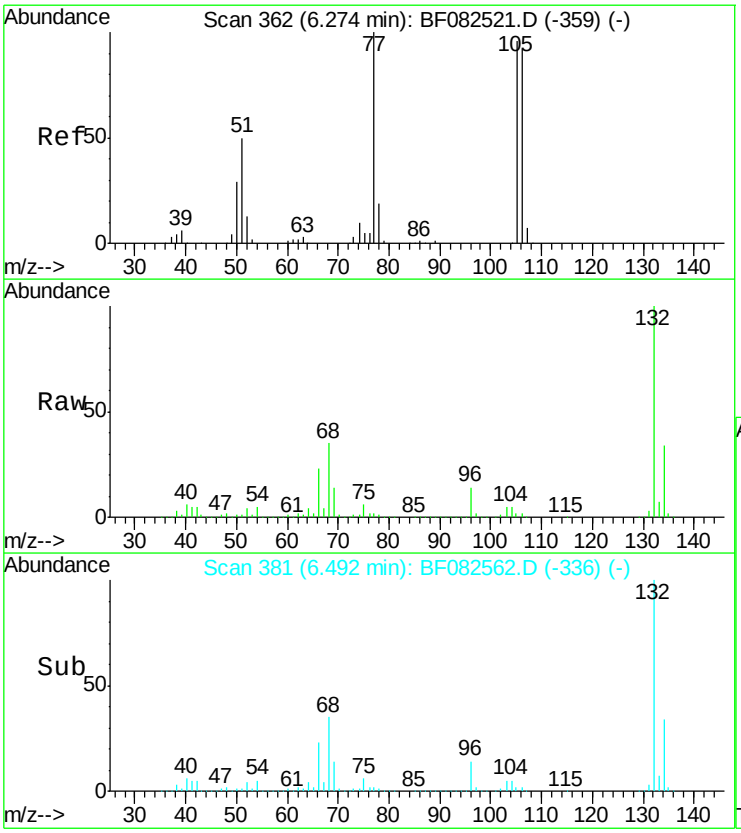
#7
Phenol-d6
Concen: 115.62 ng
RT: 6.38 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 99 Resp: 637506

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.5	28.2	42.2

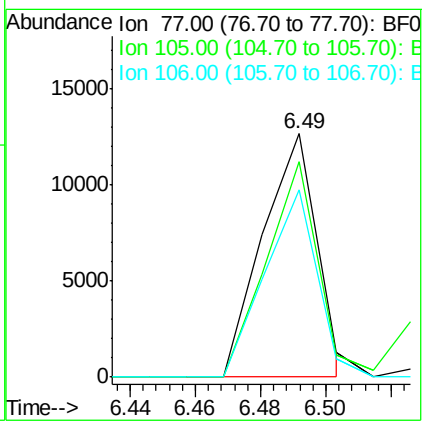


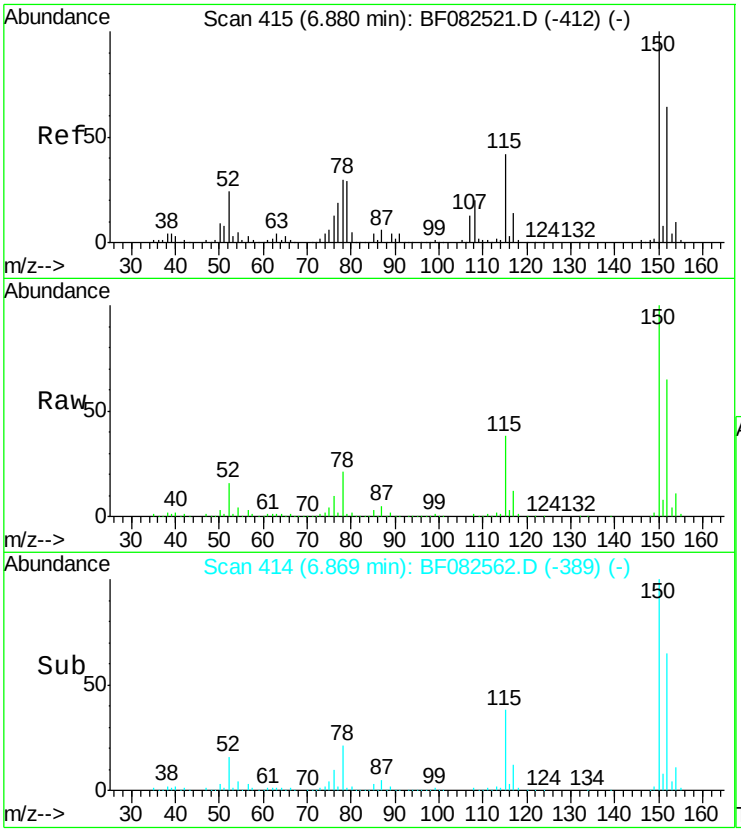


#9
Benzaldehyde
Concen: 3.59 ng
RT: 6.49 min Scan# 381
Delta R.T. 0.22 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion: 77 Resp: 14674

Ion	Ratio	Lower	Upper
77	100		
105	88.5	75.9	115.9
106	76.8	71.8	111.8



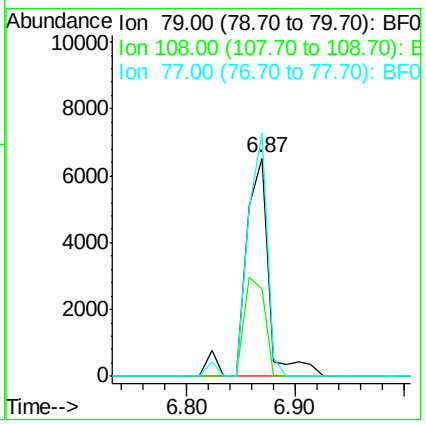


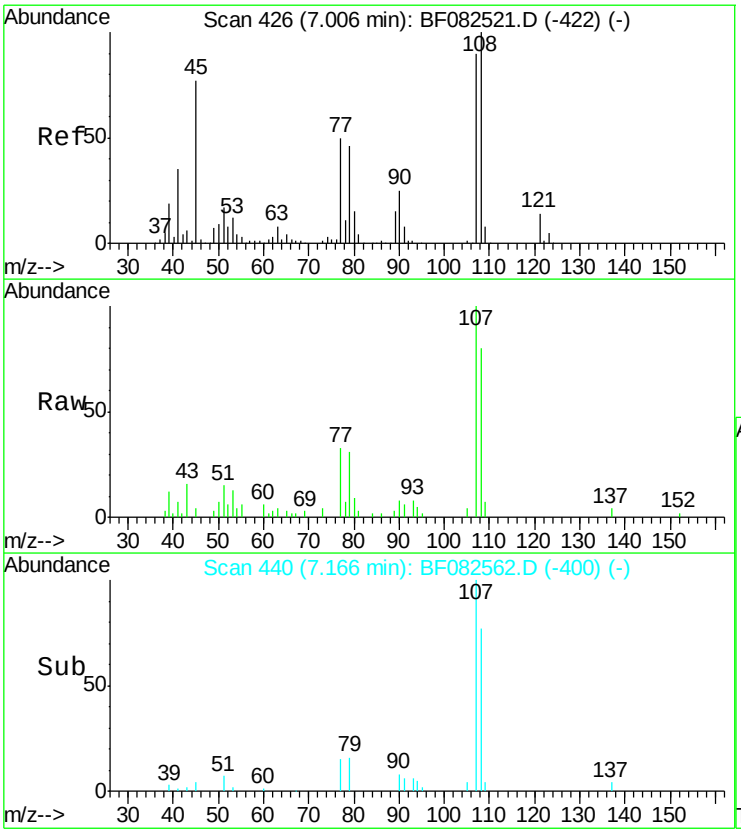
#15
Benzyl Alcohol
Concen: 2.50 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 79 Resp: 9585

Ion	Ratio	Lower	Upper
79	100		
108	40.2	55.0	82.6#
77	111.7	52.5	78.7#

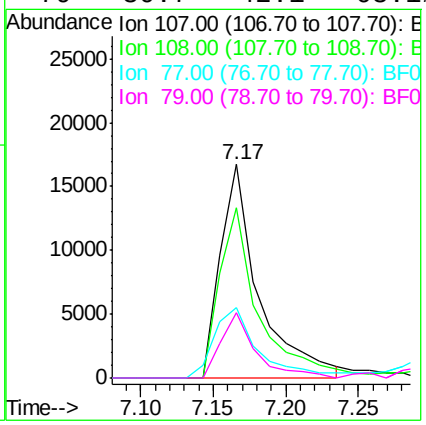


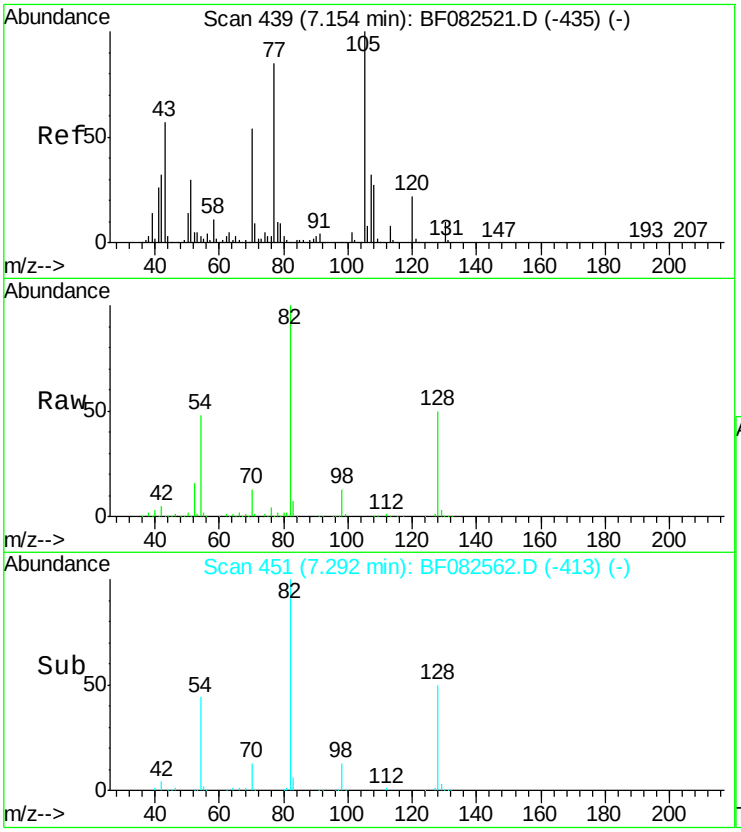


#17
2-Methylphenol
Concen: 7.73 ng
RT: 7.17 min Scan# 440
Delta R.T. 0.16 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:107 Resp: 30775

Ion	Ratio	Lower	Upper
107	100		
108	79.5	89.4	134.2#
77	32.8	44.8	67.2#
79	30.7	42.1	63.1#



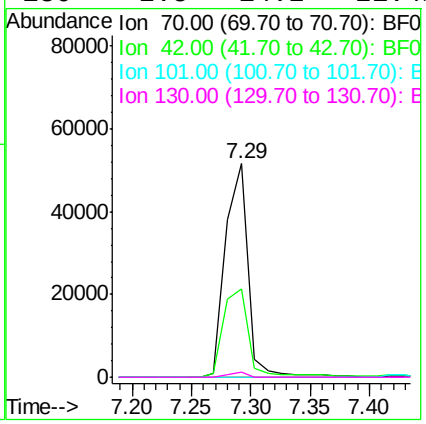


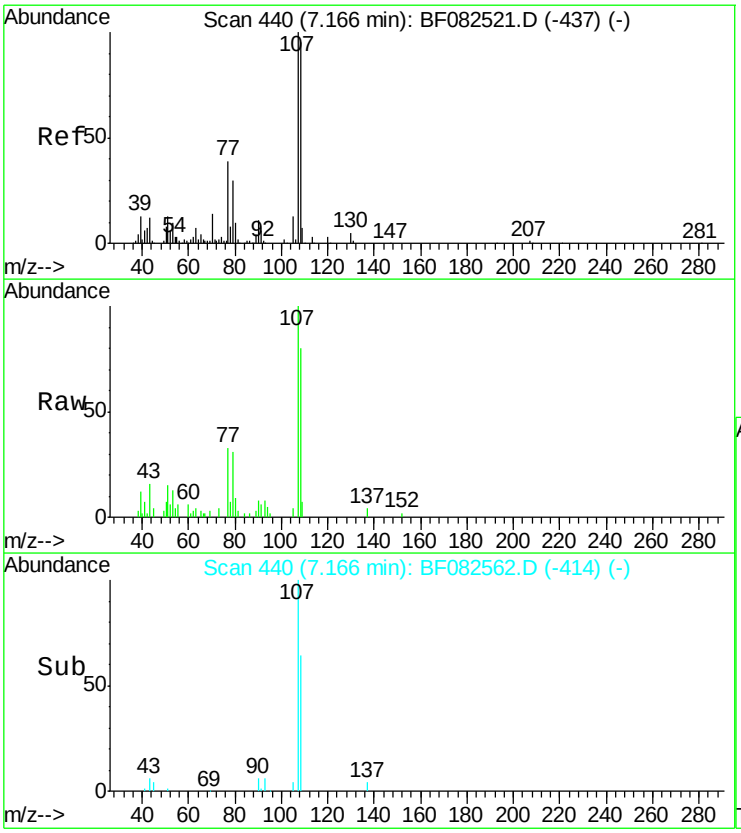
#19
n-Nitroso-di-n-propylamine
Concen: 18.97 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 70 Resp: 68139

Ion	Ratio	Lower	Upper
70	100		
42	41.1	46.9	70.3#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#

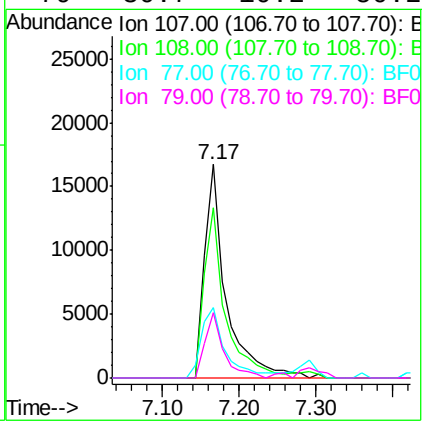


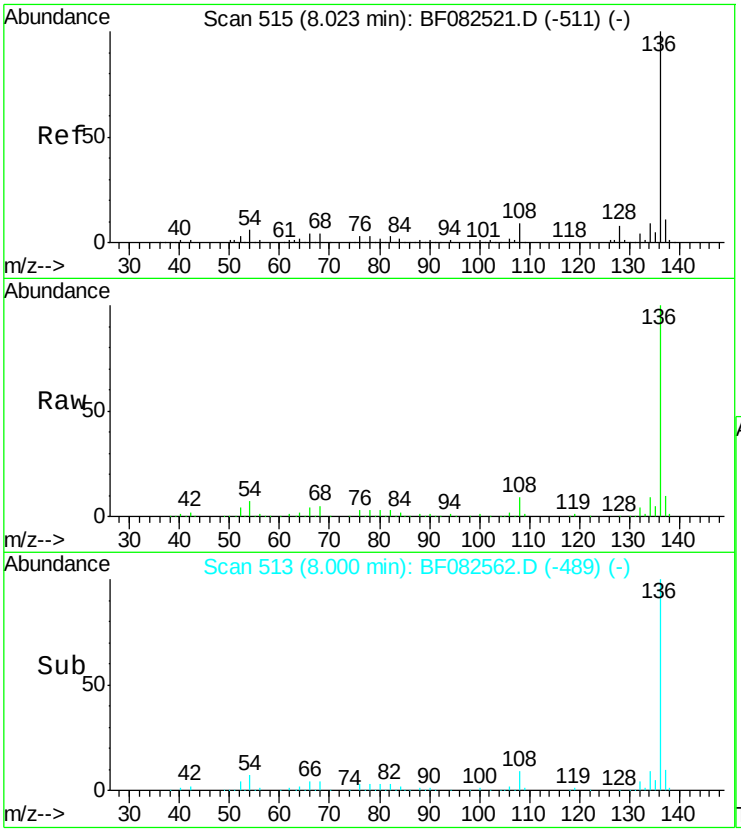


#20
3+4-Methylphenols
Concen: 6.35 ng
RT: 7.17 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:107 Resp: 32305

Ion	Ratio	Lower	Upper
107	100		
108	79.5	74.8	114.8
77	32.8	20.3	60.3
79	30.7	10.2	50.2



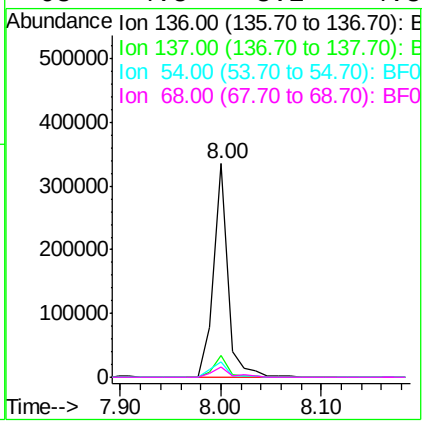


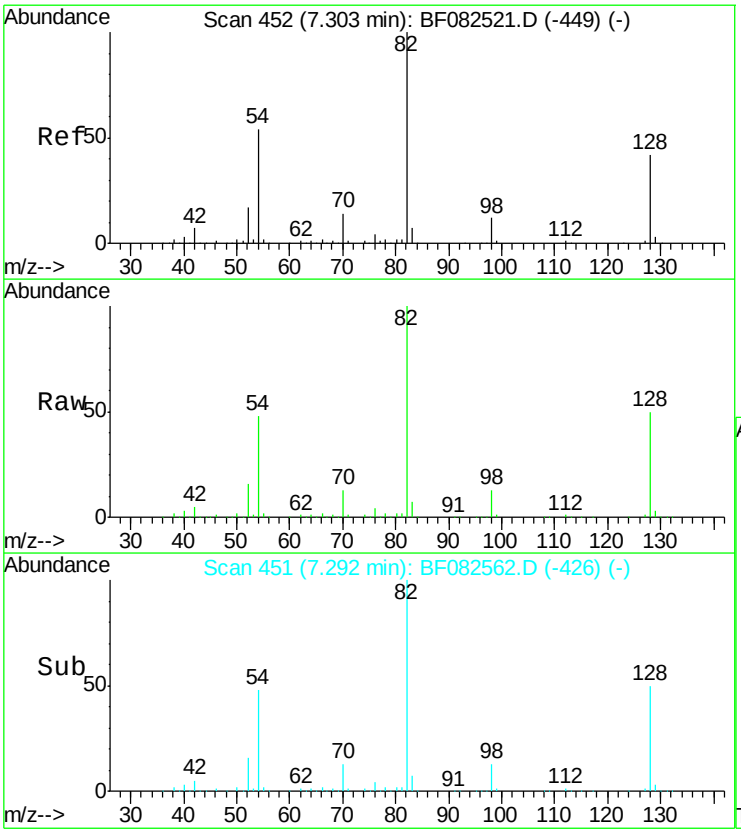
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:136 Resp: 334947

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.0	4.6	7.0#
68	4.5	3.2	4.8

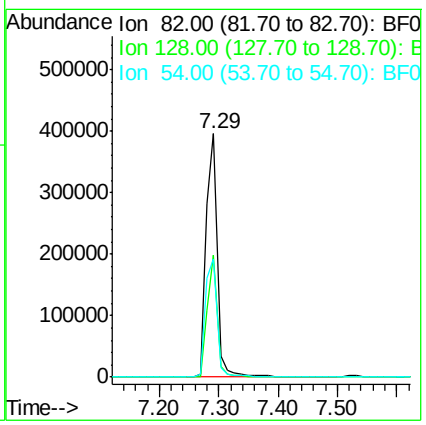


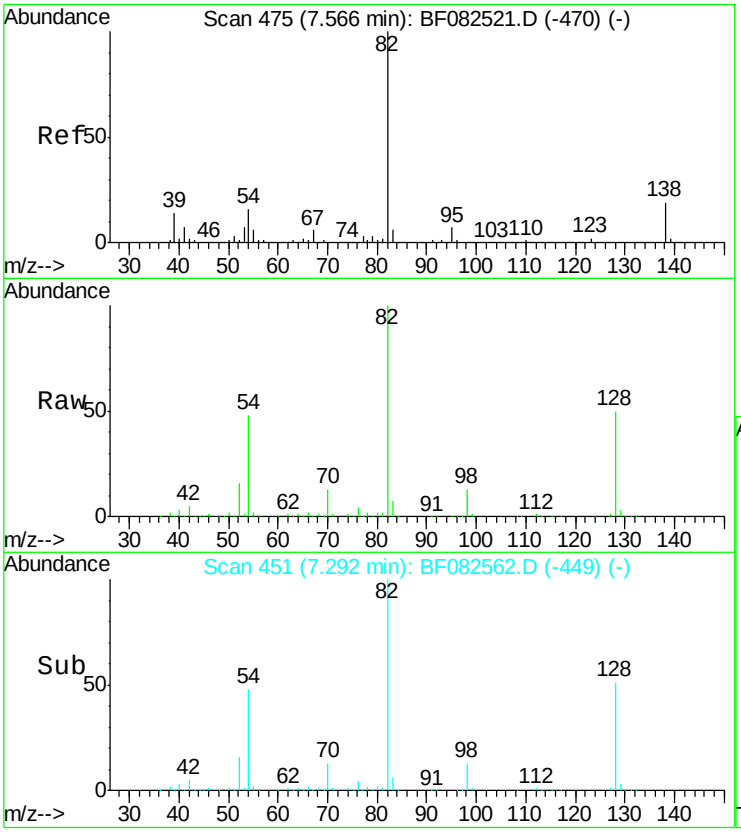


#23
Nitrobenzene-d5
Concen: 100.02 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion: 82 Resp: 519319

Ion	Ratio	Lower	Upper
82	100		
128	50.3	33.4	50.0#
54	48.4	43.5	65.3



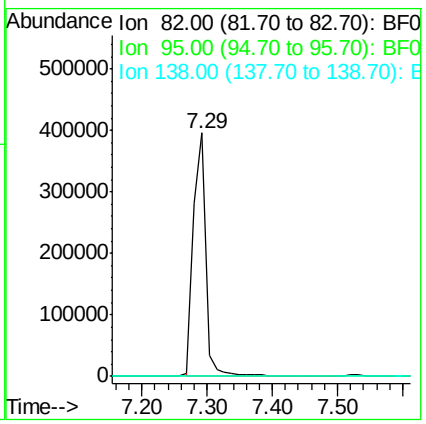


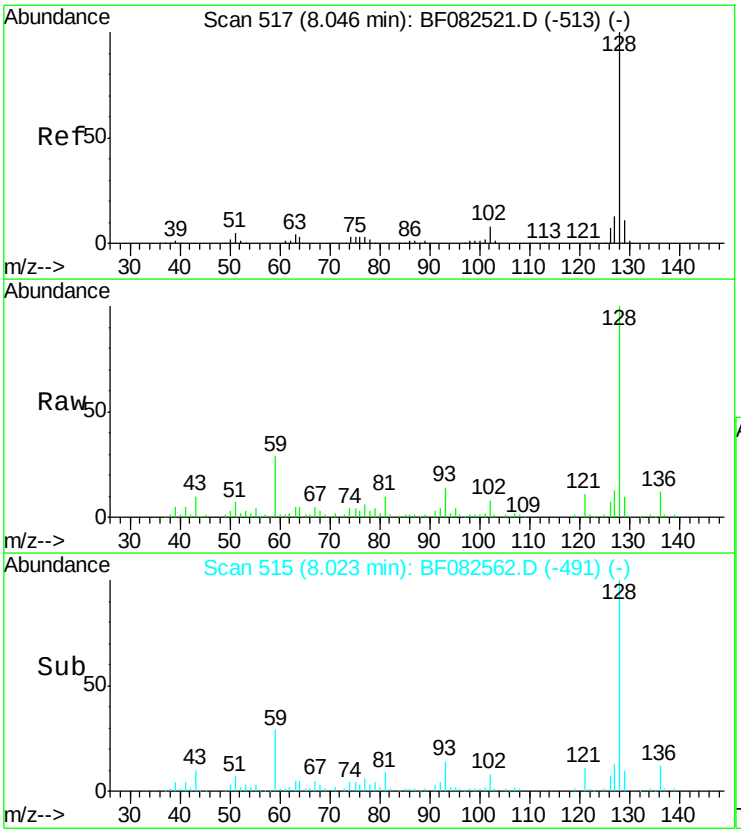
#25
Isophorone
Concen: 49.15 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.27 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion: 82 Resp: 507000

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.0	22.4#

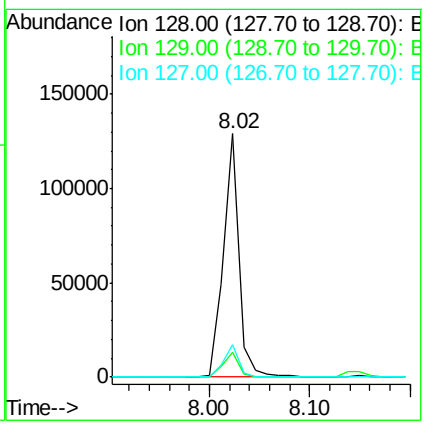


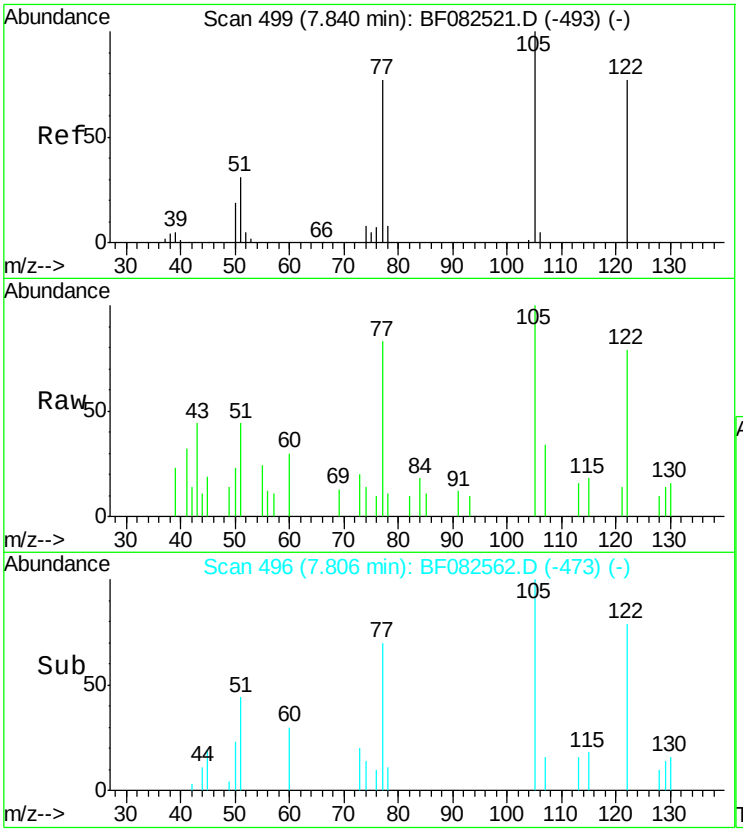


#31
Naphthalene
Concen: 9.10 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:128 Resp: 139263

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.1	10.7	16.1



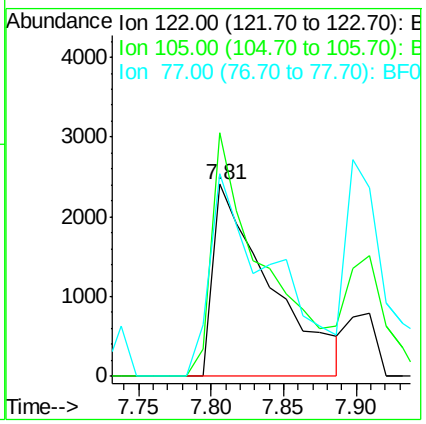


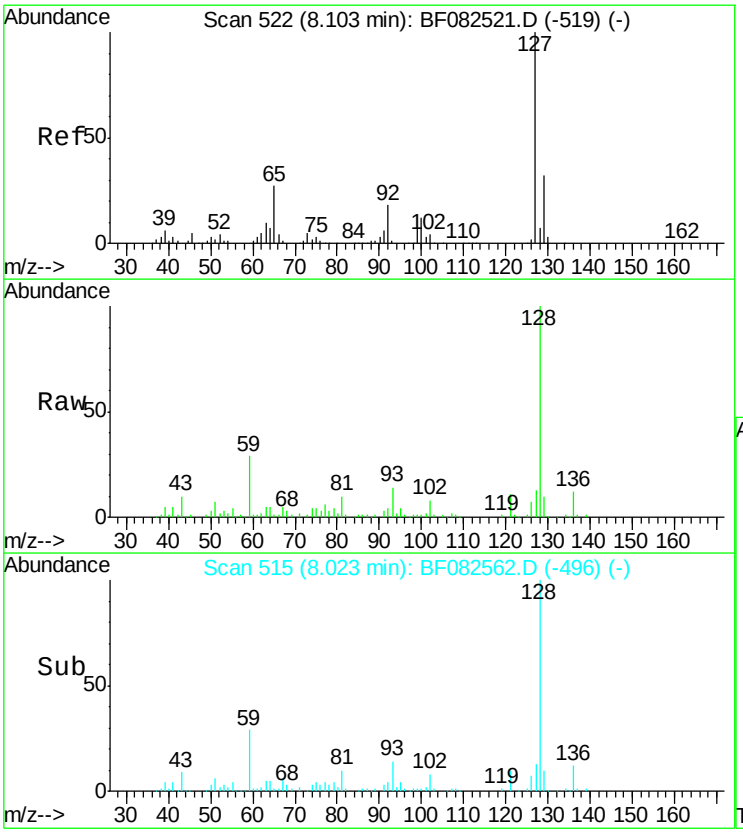
#32
Benzoic acid
Concen: 2.58 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:122 Resp: 6577

Ion	Ratio	Lower	Upper
122	100		
105	126.6	106.4	146.4
77	105.2	79.1	119.1

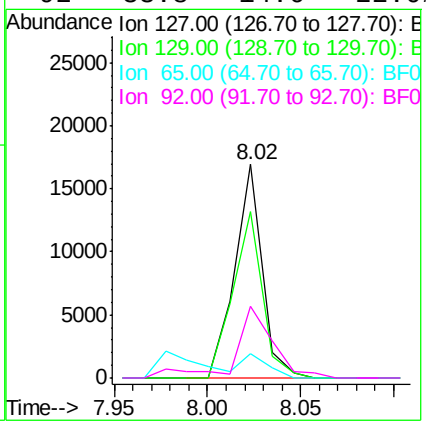


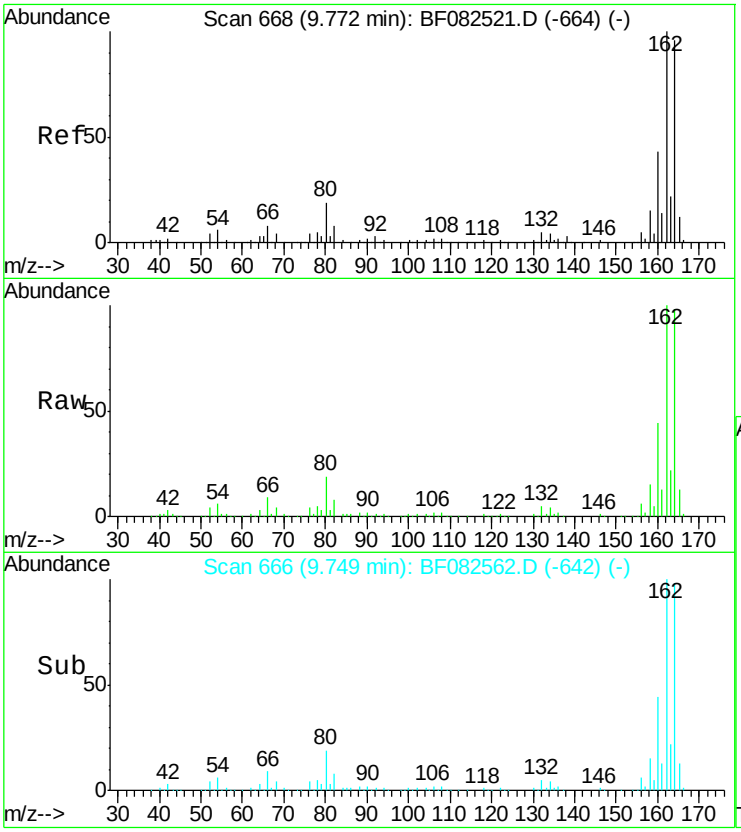


#33
4-Chloroaniline
Concen: 2.94 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:127 Resp: 17456

Ion	Ratio	Lower	Upper
127	100		
129	78.2	25.8	38.8#
65	11.4	21.8	32.6#
92	33.8	14.6	22.0#



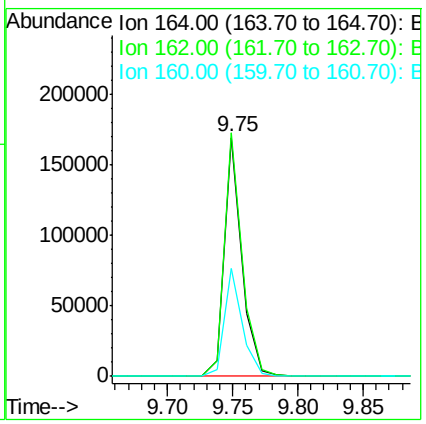


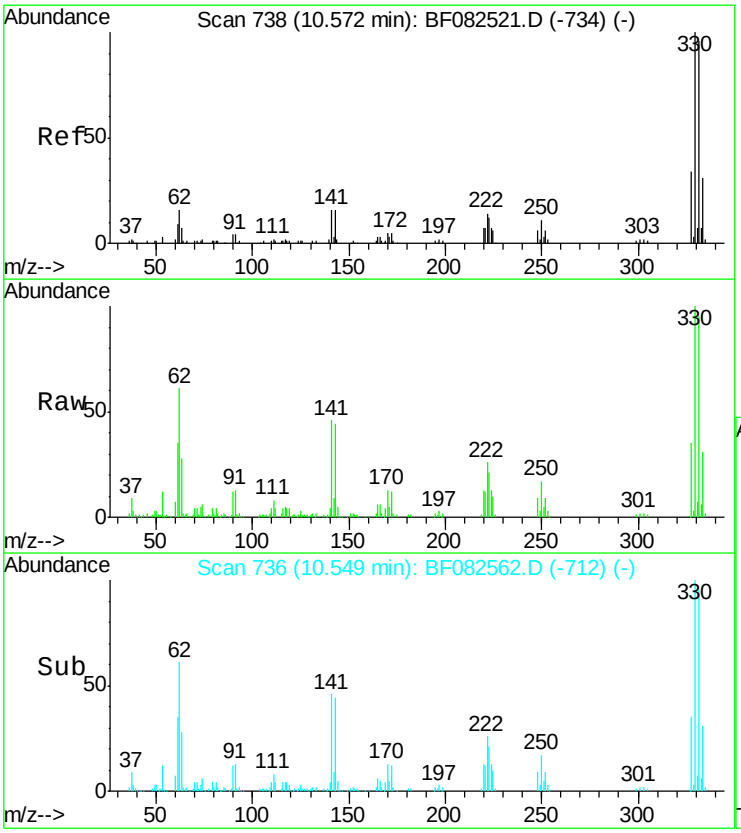
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:164 Resp: 158149

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.6	125.4
160	45.0	36.0	54.0

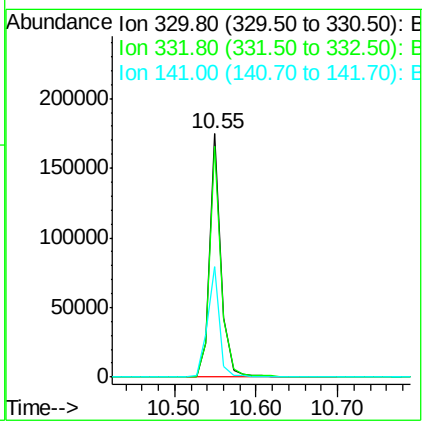


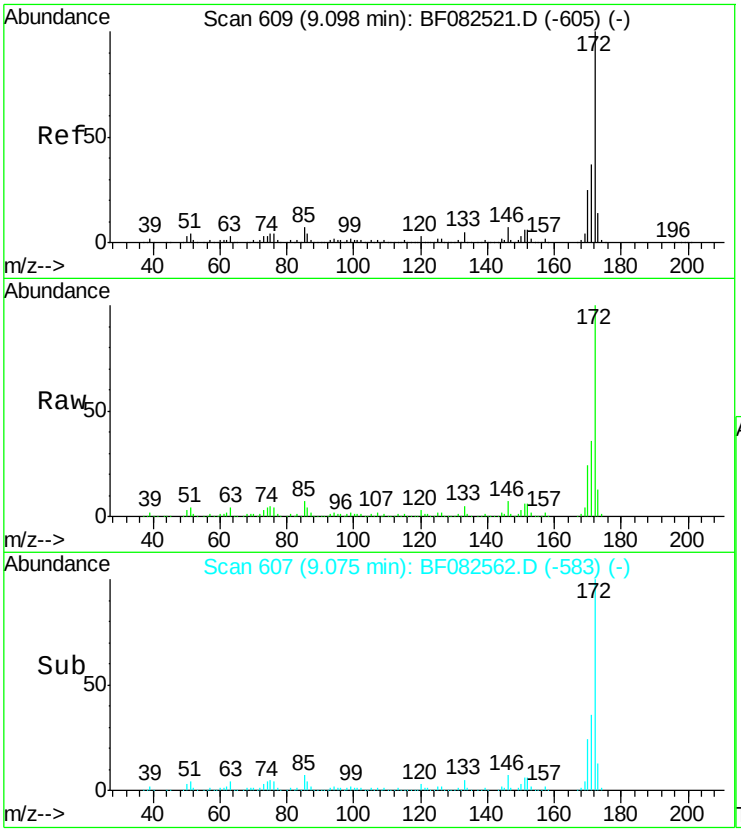


#41
2,4,6-Tribromophenol
Concen: 147.12 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:330 Resp: 174225

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	48.6	32.5	48.7



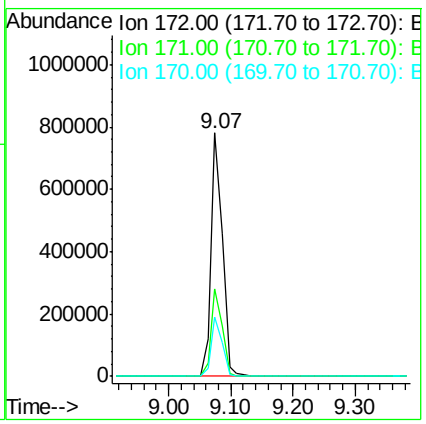


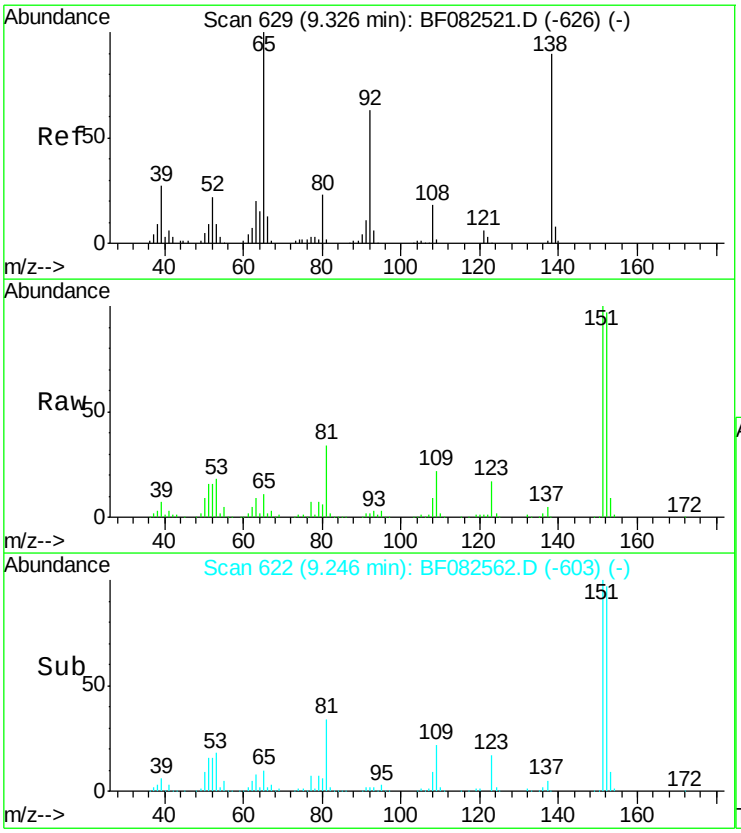
#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.07 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:172 Resp: 971009

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	24.2	19.8	29.6

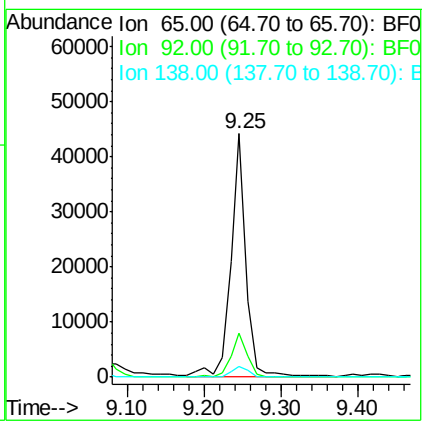


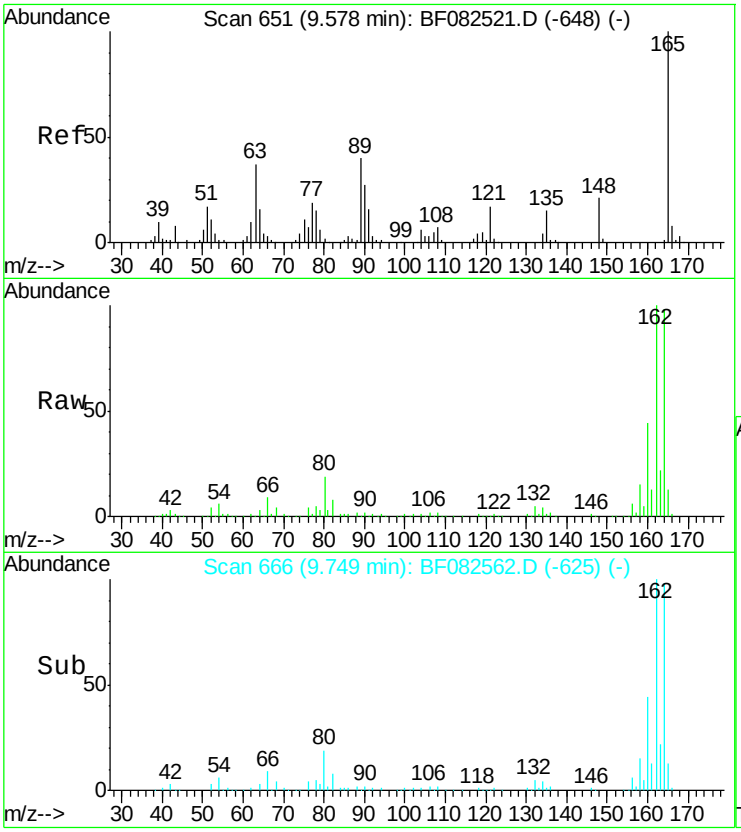


#47
2-Nitroaniline
Concen: 23.32 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.08 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion: 65 Resp: 62833

Ion	Ratio	Lower	Upper
65	100		
92	18.2	50.6	76.0#
138	4.6	71.8	107.6#



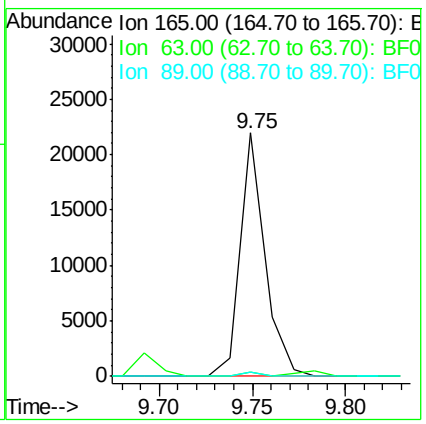


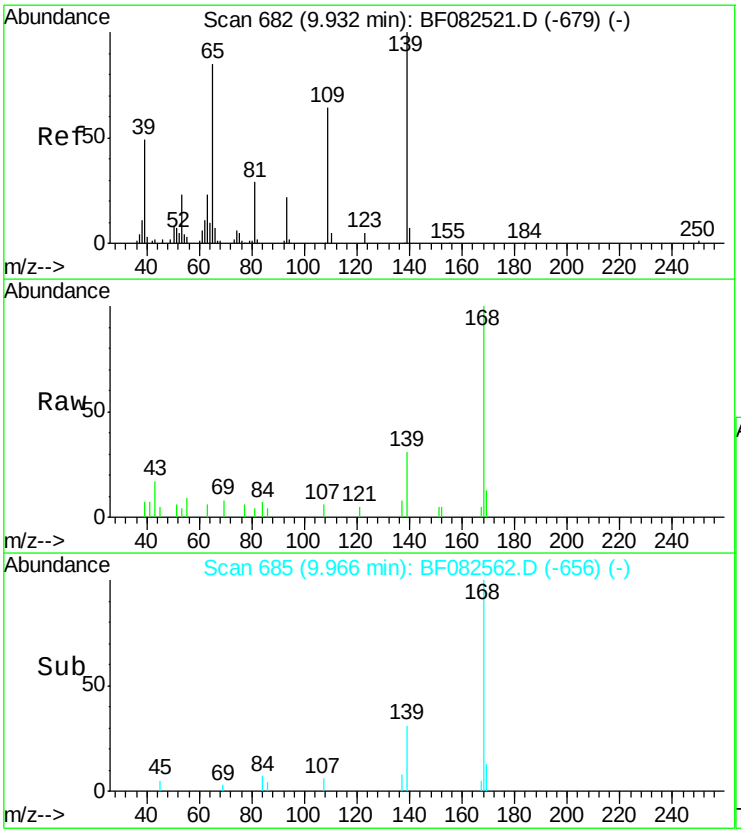
#50
2,6-Dinitrotoluene
Concen: 8.42 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:165 Resp: 20307

Ion	Ratio	Lower	Upper
165	100		
63	1.8	30.7	46.1#
89	1.7	31.8	47.8#

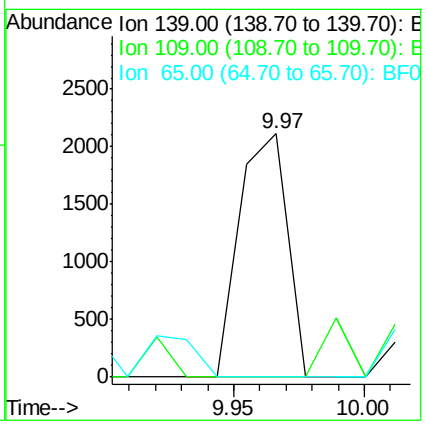


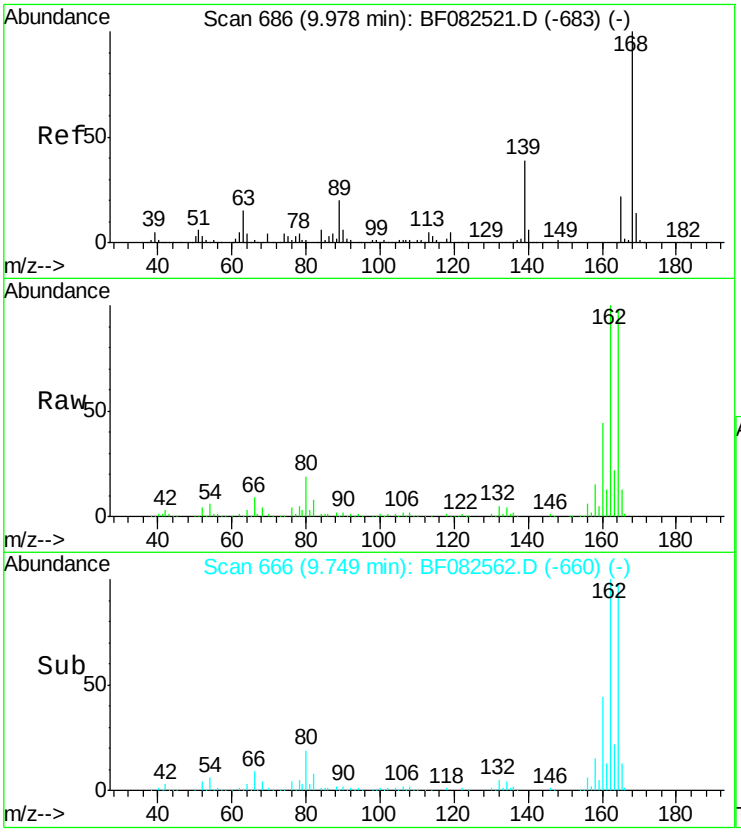


#55
4-Nitrophenol
Concen: 9.21 ng
RT: 9.97 min Scan# 685
Delta R.T. 0.04 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:139 Resp: 2722

Ion	Ratio	Lower	Upper
139	100		
109	0.0	44.2	84.2#
65	0.0	68.1	108.1#



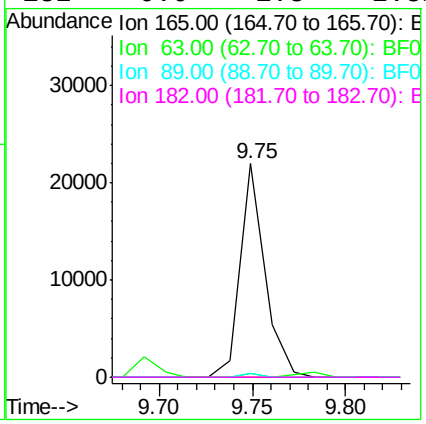


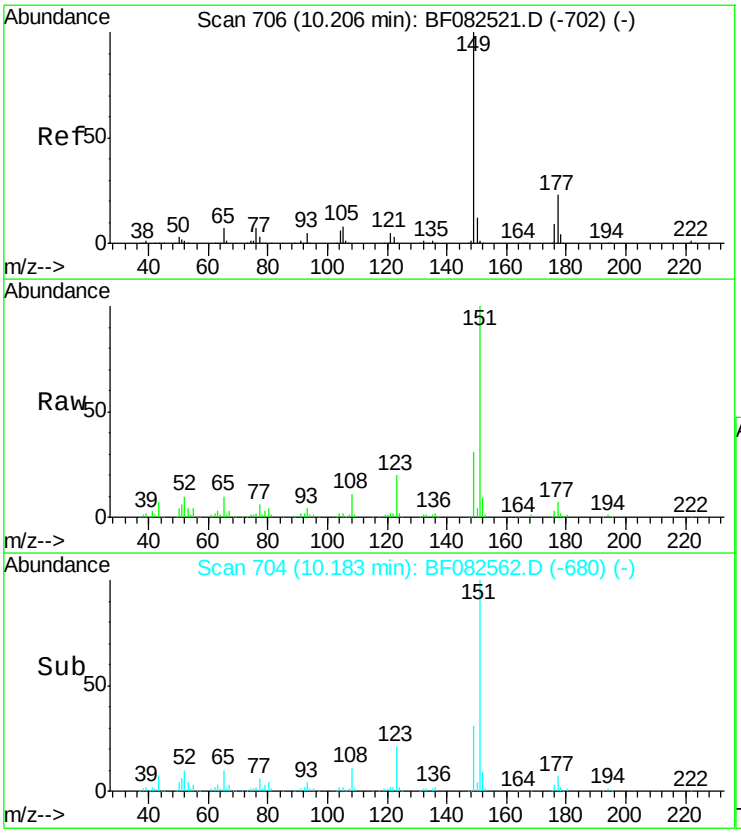
#56
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:165 Resp: 20307

Ion	Ratio	Lower	Upper
165	100		
63	1.8	58.6	88.0#
89	1.7	72.3	108.5#
182	0.0	1.8	2.8#

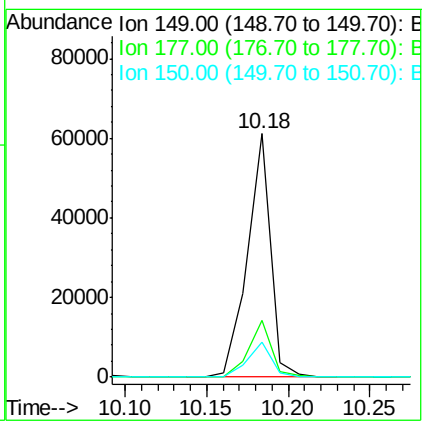


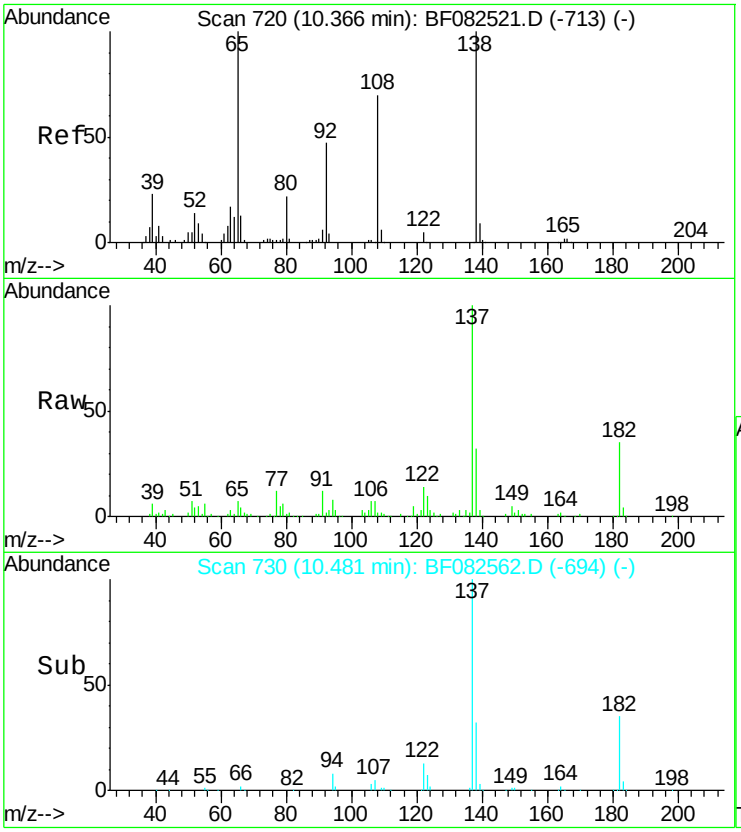


#59
Diethylphthalate
Concen: 5.62 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:149 Resp: 60189

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.6	28.0
150	14.2	9.9	14.9



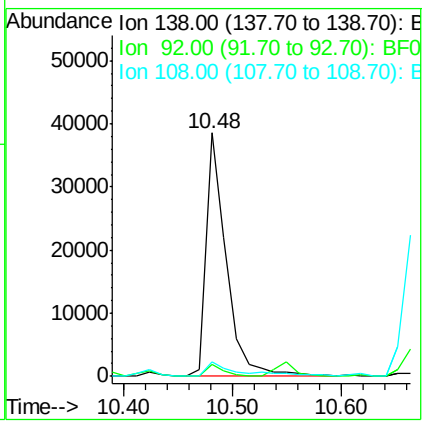


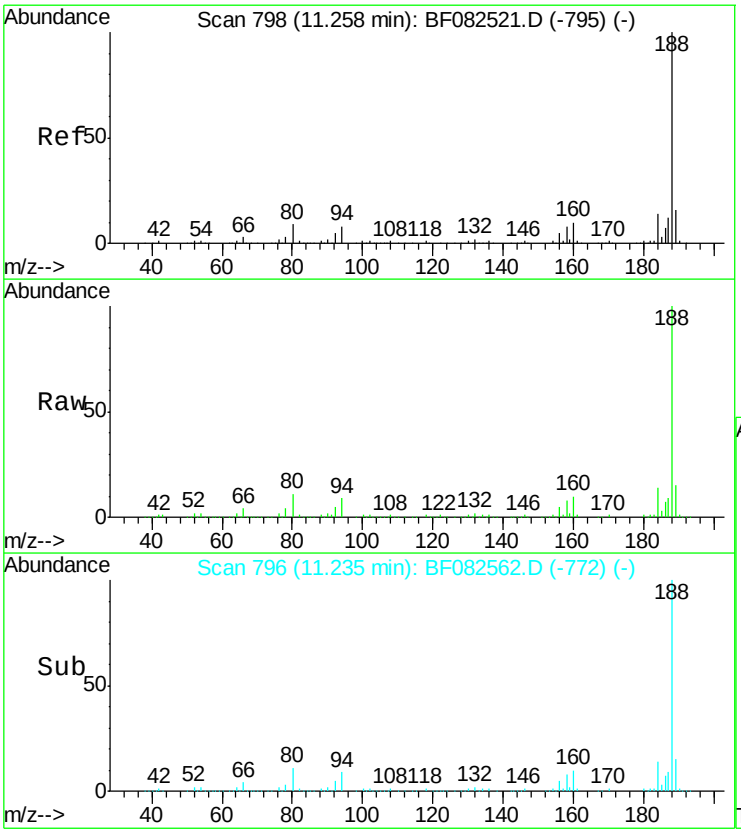
#61
4-Nitroaniline
Concen: 19.11 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.11 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:138 Resp: 50110

Ion	Ratio	Lower	Upper
138	100		
92	4.7	27.3	67.3#
108	5.8	49.8	89.8#

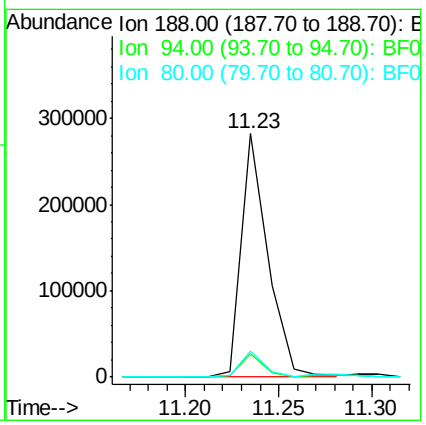


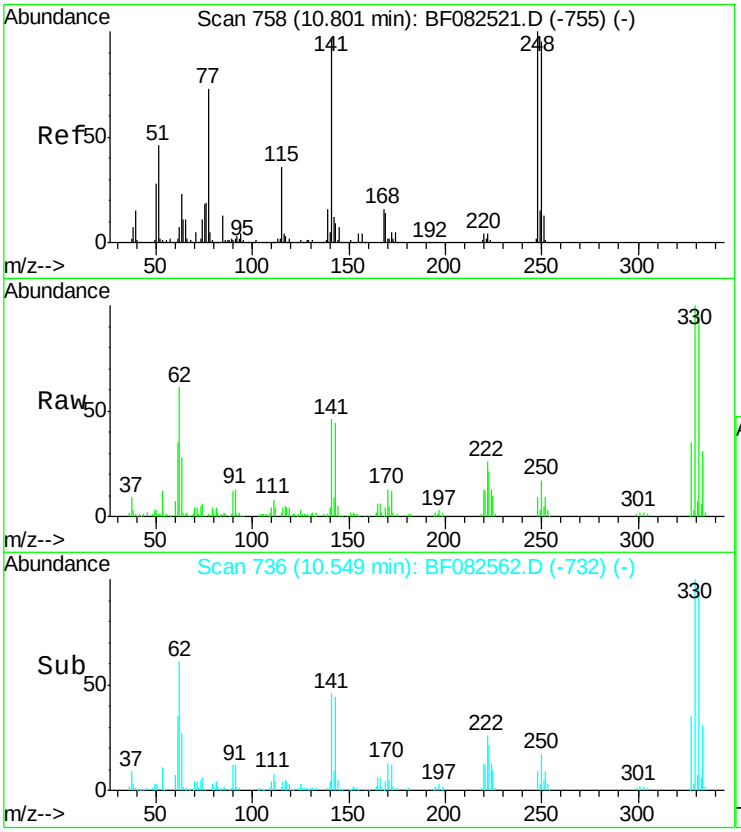


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:188 Resp: 280162

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.4	9.6
80	10.5	7.0	10.6



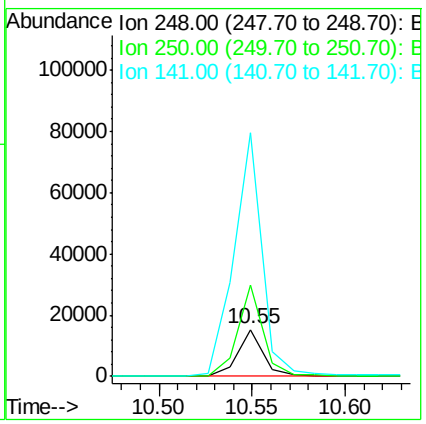


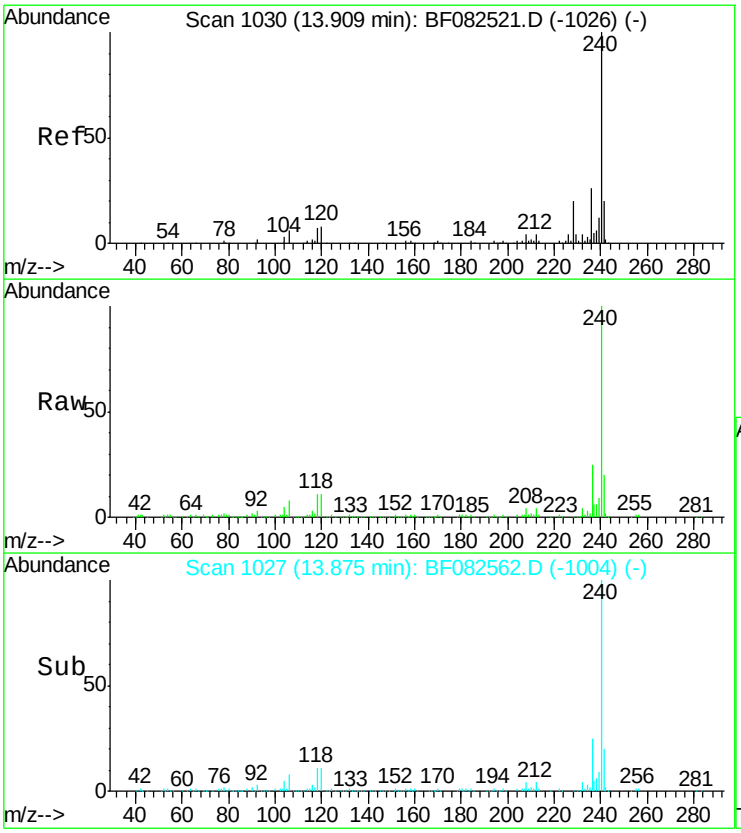
#66
4-Bromophenyl-phenylether
Concen: 5.54 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.25 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:248 Resp: 14554

Ion	Ratio	Lower	Upper
248	100		
250	192.8	76.0	114.0#
141	516.8	77.5	116.3#

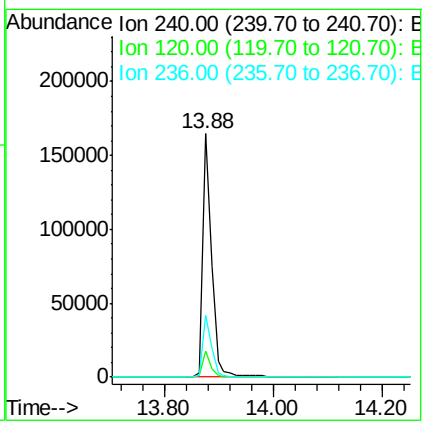


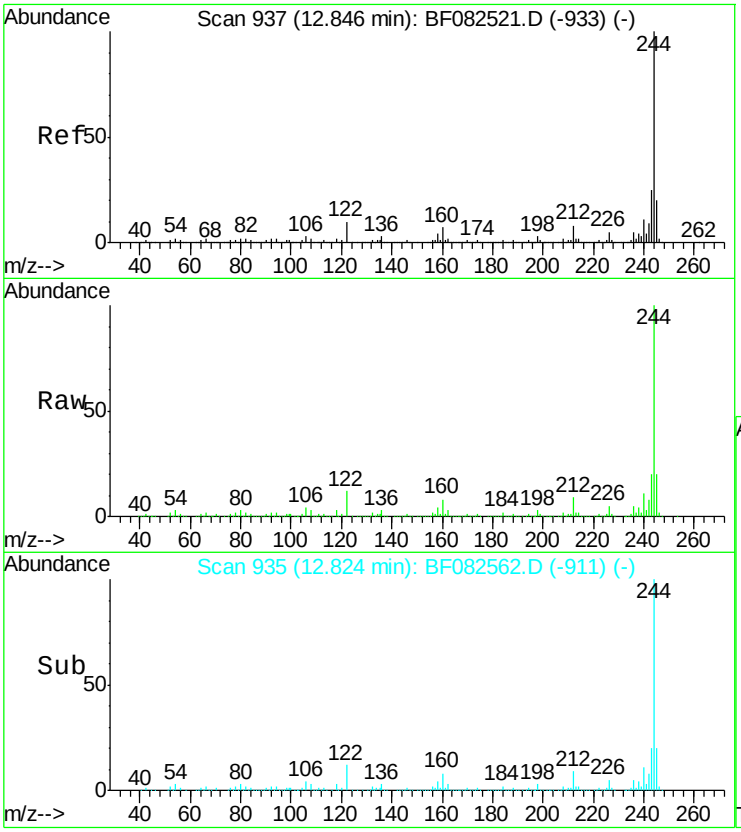


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:240 Resp: 184999

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.5	9.7#
236	25.2	20.5	30.7



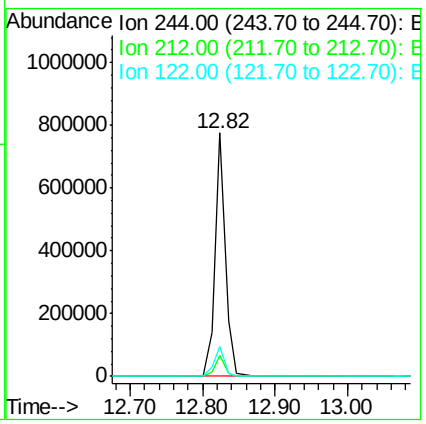


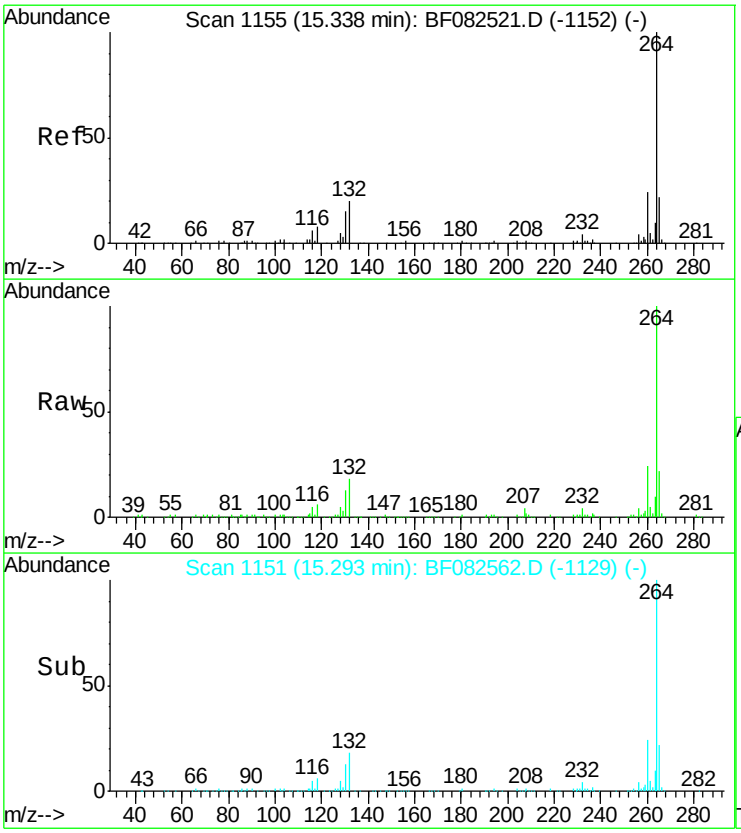
#78
Terphenyl-d14
Concen: 119.65 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tgt Ion:244 Resp: 768295

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.4	9.6
122	12.1	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082562.D
Acq: 27 Oct 2015 22:40

Tgt Ion:264 Resp: 162915

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.8	26.6