Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087281.D
Acq On : 22 May 2016 10:31
Operator : UM/SJ
Sample : PB90743BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90743BS

Quant Time: May 23 03:35:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	126902	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	538680	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	248567	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	458905	20.00	ng		0.00
75) Chrysene-d12	13.70	240	276296	20.00	ng		0.00
86) Perylene-d12	15.05	264	244261	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	894787	118.52	ng		0.02
7) Phenol-d6	6.24	99	1220142	120.50	ng		0.01
23) Nitrobenzene-d5	7.14	82	862049	79.76	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	297370	108.26	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1281973	85.42	ng		0.00
78) Terphenyl-d14	12.65	244	1182373	96.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	107164	27.59	ng	#	63
3) Pyridine	2.68	79	301382	32.08	ng	#	55
4) n-Nitrosodimethylamine	2.65	42	235897	35.43	ng	#	46
6) Aniline	6.23	93	308713	24.00	ng	#	86
8) 2-Chlorophenol	6.35	128	360355	39.23	ng		99
9) Benzaldehyde	6.11	77	83516	12.56	ng		97
10) Phenol	6.25	94	506613	39.80	ng		86
11) bis(2-Chloroethyl)ether	6.31	93	370370	38.75	ng		91
12) 1,3-Dichlorobenzene	6.73	146	316391	32.40	ng		97
13) 1,4-Dichlorobenzene	6.73	146	328040	32.83	ng		97
14) 1,2-Dichlorobenzene	6.73	146	331359	37.88	ng		97
15) Benzyl Alcohol	6.73	79	341559	45.31	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.86	45	707046	35.98	ng	#	41
17) 2-Methylphenol	6.86	107	296858	39.35	ng	#	81
18) Hexachloroethane	7.06	117	150363	39.37	ng	#	91
19) n-Nitroso-di-n-propylamine	6.99	70	279449	36.30	ng	#	68
20) 3+4-Methylphenols	7.02	107	388266	39.02	ng	#	61
22) Acetophenone	6.98	105	519345	39.40	ng	#	95
24) Nitrobenzene	7.15	77	414184	35.10	ng		95
25) Isophorone	7.39	82	756672	38.24	ng		96
26) 2-Nitrophenol	7.47	139	196151	40.12	ng	#	74
27) 2,4-Dimethylphenol	7.53	122	320900	38.46	ng	#	84
28) bis(2-Chloroethoxy)methane	7.61	93	427879	39.39	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	323748	44.04	ng		95
30) 1,2,4-Trichlorobenzene	7.79	180	326252	39.99	ng		97
31) Naphthalene	7.86	128	1008778	38.33	ng		99
32) Benzoic acid	7.70	122	149920	30.15	ng	#	81
33) 4-Chloroaniline	7.94	127	173433	15.85	ng		95
34) Hexachlorobutadiene	7.99	225	187344	40.47	ng		99
35) Caprolactam	8.32	113	55897	22.83	ng	#	46
36) 4-Chloro-3-methylphenol	8.44	107	338265	38.14	ng		87
37) 2-Methylnaphthalene	8.56	142	685627	40.73	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	296254	40.81	ng		99
40) Hexachlorocyclopentadiene	8.71	237	183110	66.76	ng		94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087281.D
Acq On : 22 May 2016 10:31
Operator : UM/SJ
Sample : PB90743BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90743BS

Quant Time: May 23 03:35:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	184010	39.08	ng		93
43) 2,4,5-Trichlorophenol	8.90	196	194732	39.81	ng	#	86
45) 1,1'-Biphenyl	9.03	154	883530	42.87	ng		99
46) 2-Chloronaphthalene	9.05	162	643313	40.66	ng		99
47) 2-Nitroaniline	9.16	65	254205	41.92	ng		88
48) Acenaphthylene	9.45	152	923690	38.23	ng		98
49) Dimethylphthalate	9.34	163	749481	39.53	ng		99
50) 2,6-Dinitrotoluene	9.40	165	173685	42.18	ng	#	85
51) Acenaphthene	9.62	154	572596	37.93	ng		99
52) 3-Nitroaniline	9.58	138	114691	25.73	ng		85
53) 2,4-Dinitrophenol	9.70	184	114827	50.53	ng		89
54) Dibenzofuran	9.80	168	870449	44.59	ng		99
55) 4-Nitrophenol	9.79	139	512901	117.20	ng	#	29
56) 2,4-Dinitrotoluene	9.82	165	223584	42.40	ng	#	78
57) Fluorene	10.14	166	615155	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	164131	43.09	ng		96
59) Diethylphthalate	10.03	149	749478	41.40	ng		99
60) 4-Chlorophenyl-phenylether	10.14	204	339803	45.71	ng		91
61) 4-Nitroaniline	10.19	138	141607	32.18	ng	#	63
62) Azobenzene	10.30	77	977947	46.88	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	86310	28.56	ng		87
65) n-Nitrosodiphenylamine	10.26	169	602061	41.69	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	190153	40.29	ng	#	87
67) Hexachlorobenzene	10.68	284	206488	37.74	ng	#	76
68) Atrazine	10.80	200	211816	44.96	ng		94
69) Pentachlorophenol	10.89	266	122588	59.64	ng		96
70) Phenanthrene	11.10	178	1005917	40.42	ng		100
71) Anthracene	11.14	178	973819	38.68	ng		100
72) Carbazole	11.31	167	899656	39.12	ng		99
73) Di-n-butylphthalate	11.64	149	1181522	44.73	ng		99
74) Fluoranthene	12.27	202	939899	37.69	ng		96
76) Benzidine	12.41	184	311418	40.01	ng		96
77) Pyrene	12.50	202	958538	48.02	ng		100
79) Butylbenzylphthalate	13.13	149	443152	52.59	ng		92
80) Benzo(a)anthracene	13.69	228	658335	41.21	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	129668	12.76	ng	#	97
82) Chrysene	13.73	228	695390	44.99	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	574551	56.03	ng		99
84) Di-n-octyl phthalate	14.30	149	893380	50.57	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	572984	42.23	ng		95
87) Benzo(b)fluoranthene	14.69	252	1161267	71.66	ng		98
88) Benzo(k)fluoranthene	14.69	252	1161267	96.26	ng		99
89) Benzo(a)pyrene	14.99	252	555458	41.01	ng		97
90) Dibenzo(a,h)anthracene	16.27	278	484445	42.48	ng		98
91) Benzo(g,h,i)perylene	16.64	276	476304	41.35	ng	#	93

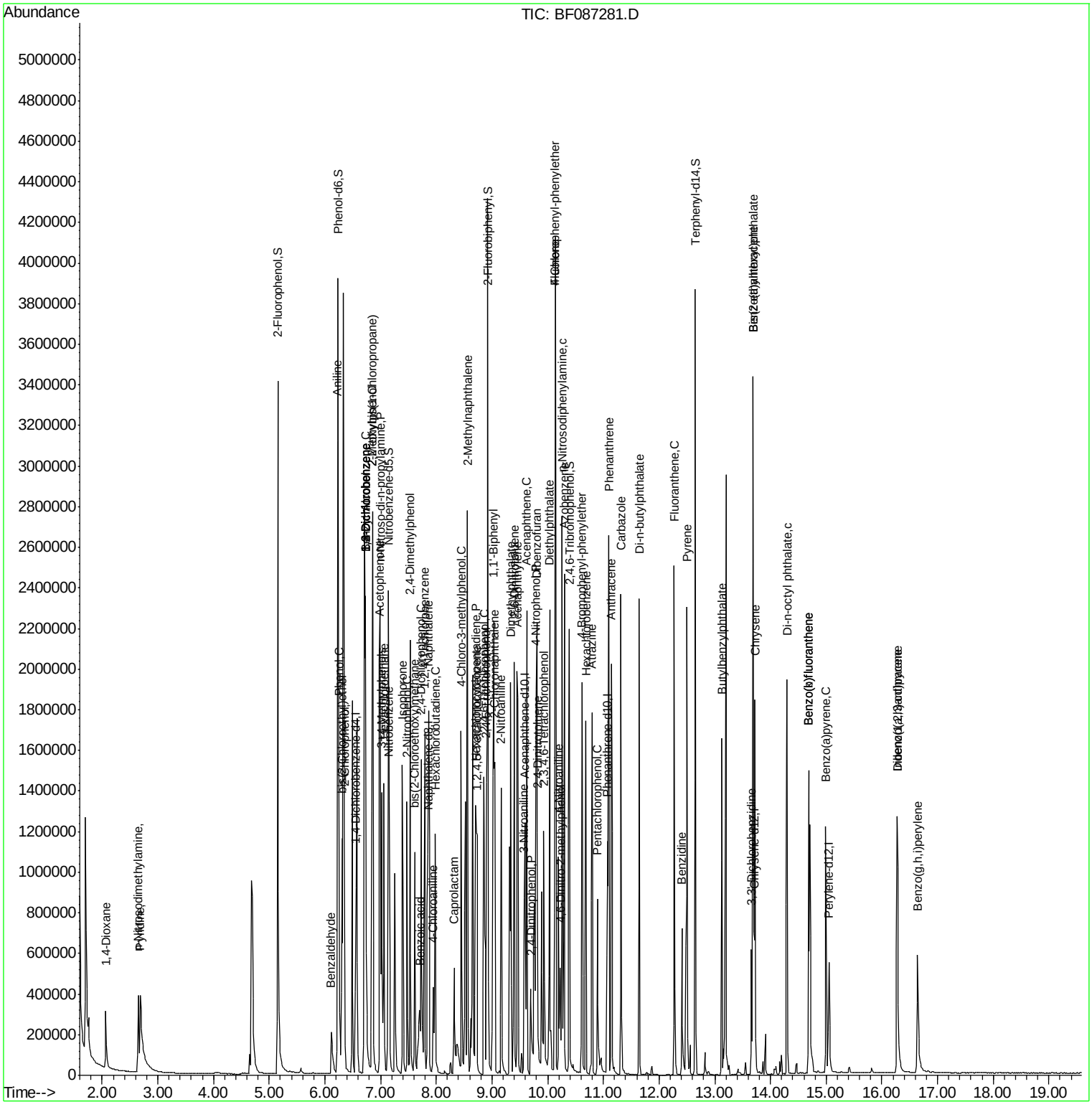
(#) = qualifier out of range (m) = manual integration (+) = signals summed

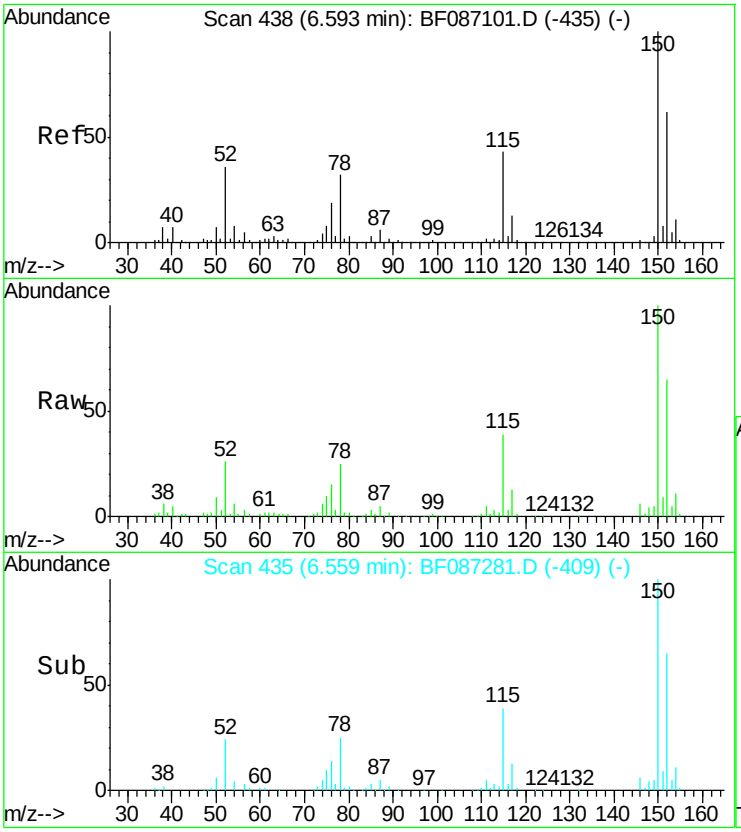
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087281.D
Acq On : 22 May 2016 10:31
Operator : UM/SJ
Sample : PB90743BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Quant Time: May 23 03:35:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration



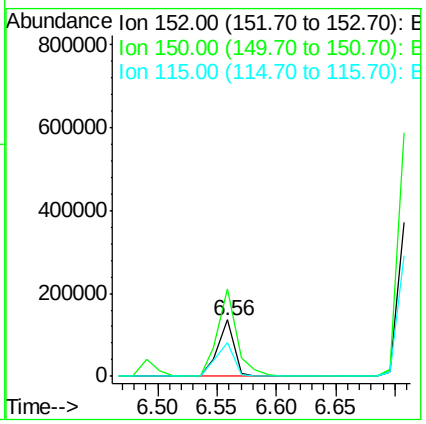


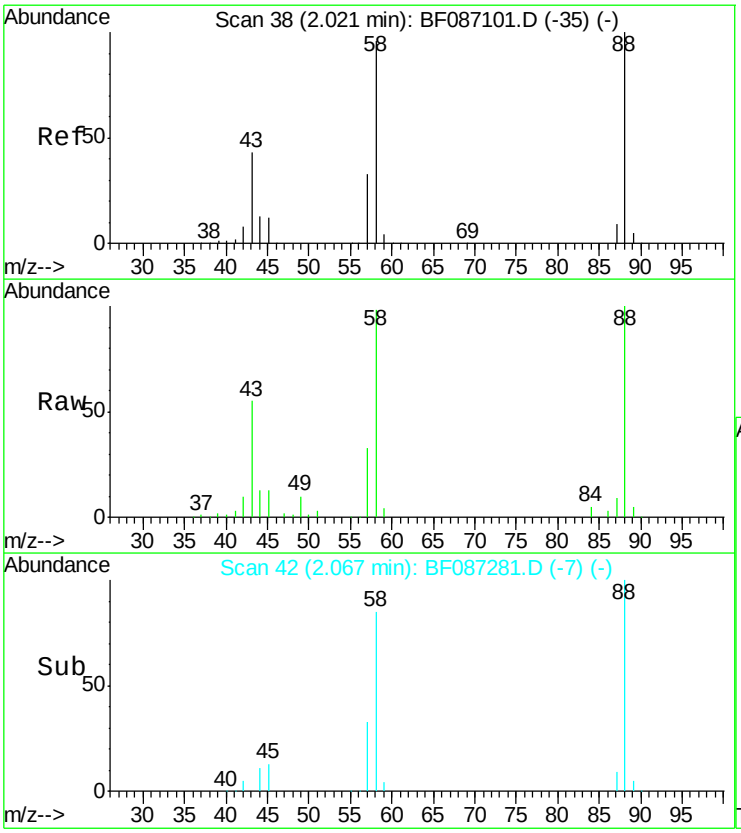
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:152 Resp: 126902

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.8	188.6
115	60.5	51.5	77.3

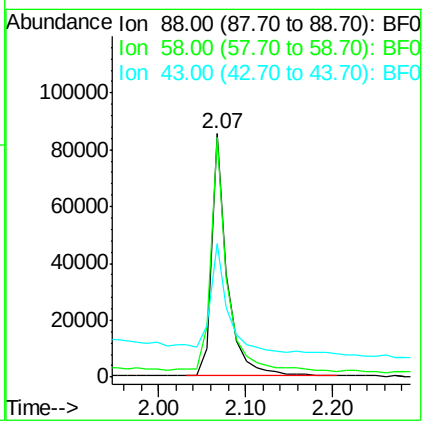


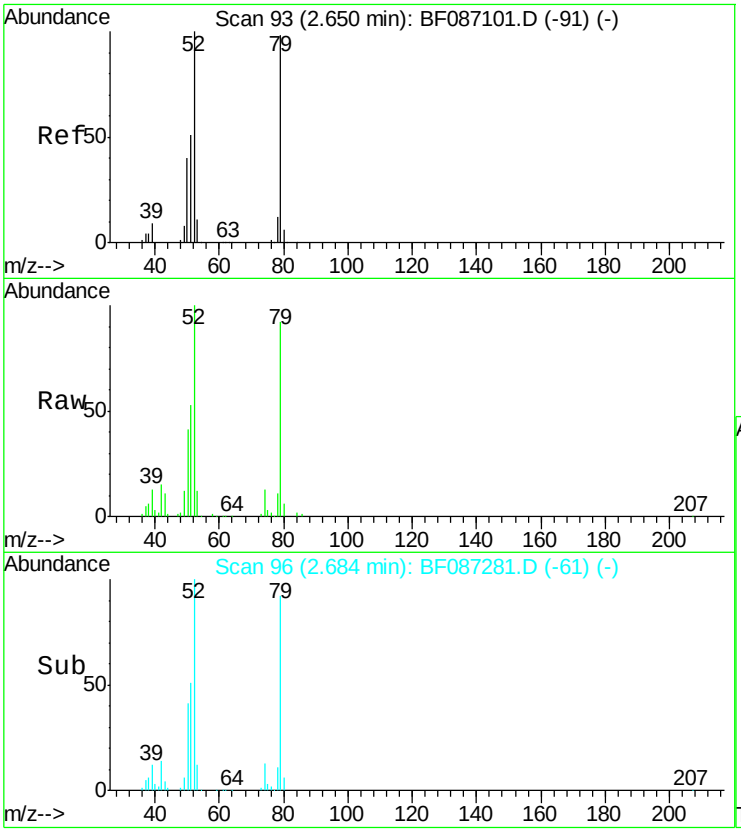


#2
1,4-Dioxane
Concen: 27.59 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 88 Resp: 107164

Ion	Ratio	Lower	Upper
88	100		
58	100.2	59.6	89.4#
43	56.0	21.8	32.6#



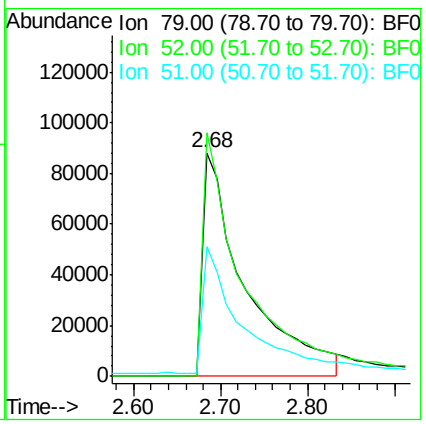


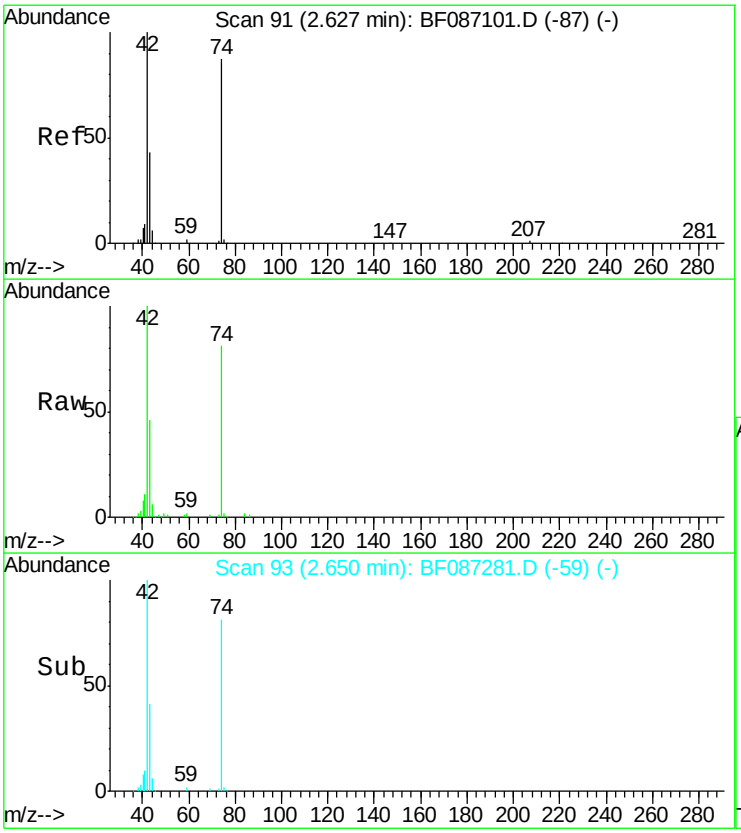
#3
Pyridine
Concen: 32.08 ng
RT: 2.68 min Scan# 96
Delta R.T. 0.10 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 79 Resp: 301382

Ion	Ratio	Lower	Upper
79	100		
52	108.9	55.9	83.9#
51	57.9	28.1	42.1#

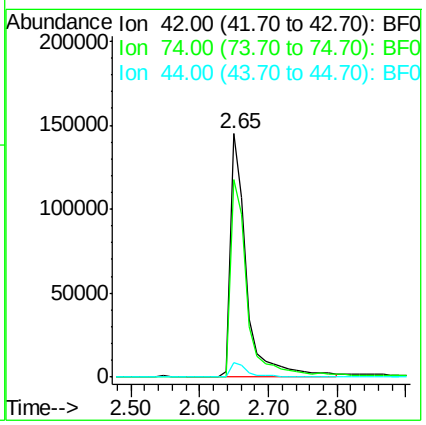


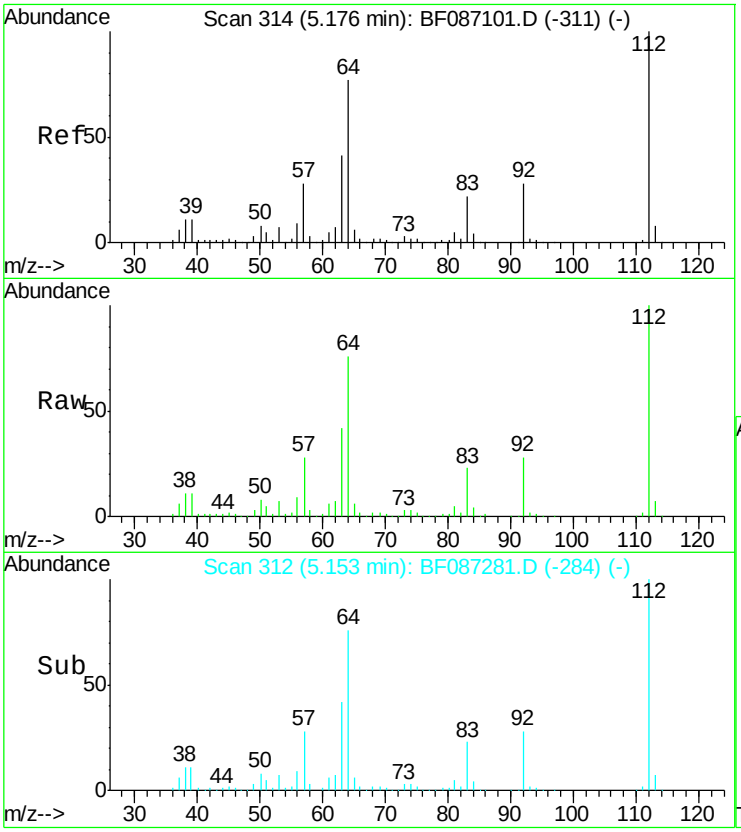


#4
n-Nitrosodimethylamine
Concen: 35.43 ng
RT: 2.65 min Scan# 93
Delta R.T. 0.09 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 42 Resp: 235897

Ion	Ratio	Lower	Upper
42	100		
74	81.1	123.4	185.0#
44	6.2	5.8	8.6



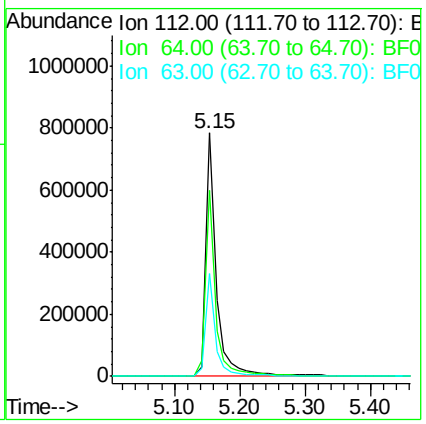


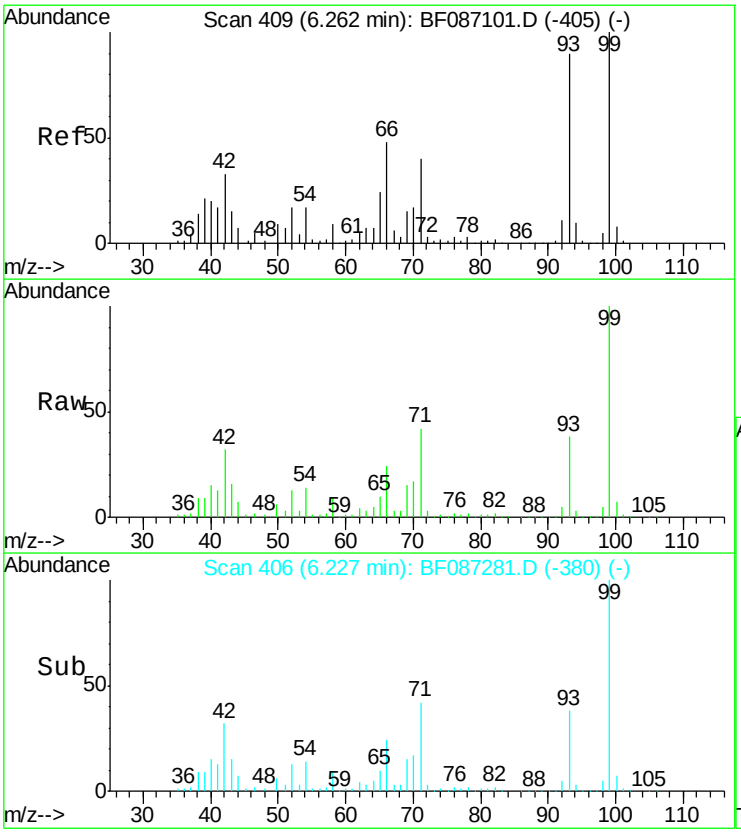
#5
2-Fluorophenol
Concen: 118.52 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.02 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:112 Resp: 894787

Ion	Ratio	Lower	Upper
112	100		
64	76.3	52.1	78.1
63	42.1	25.7	38.5#

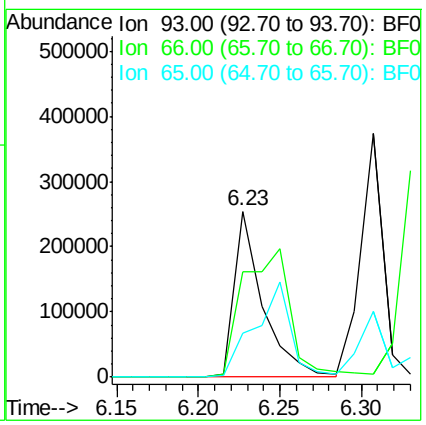


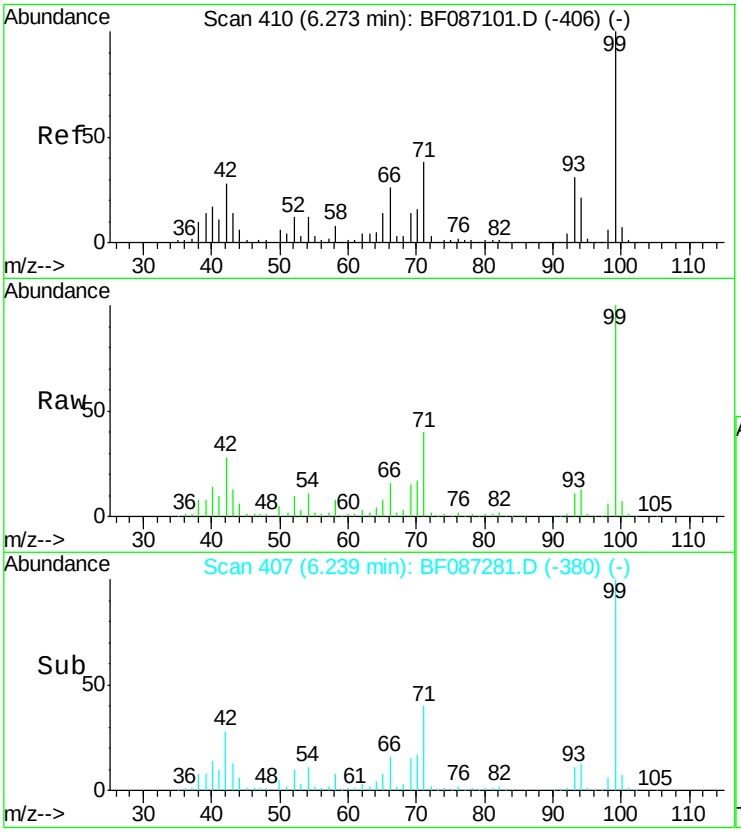


#6
Aniline
Concen: 24.00 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 93 Resp: 308713

Ion	Ratio	Lower	Upper
93	100		
66	63.2	39.0	58.6#
65	26.7	20.6	31.0



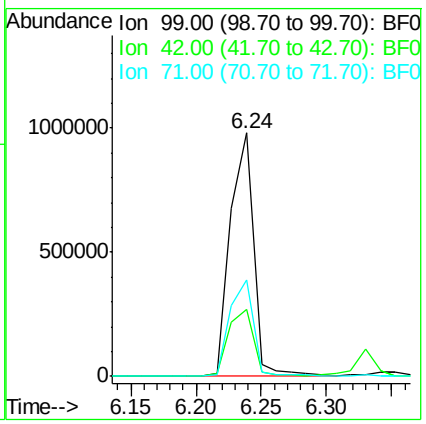


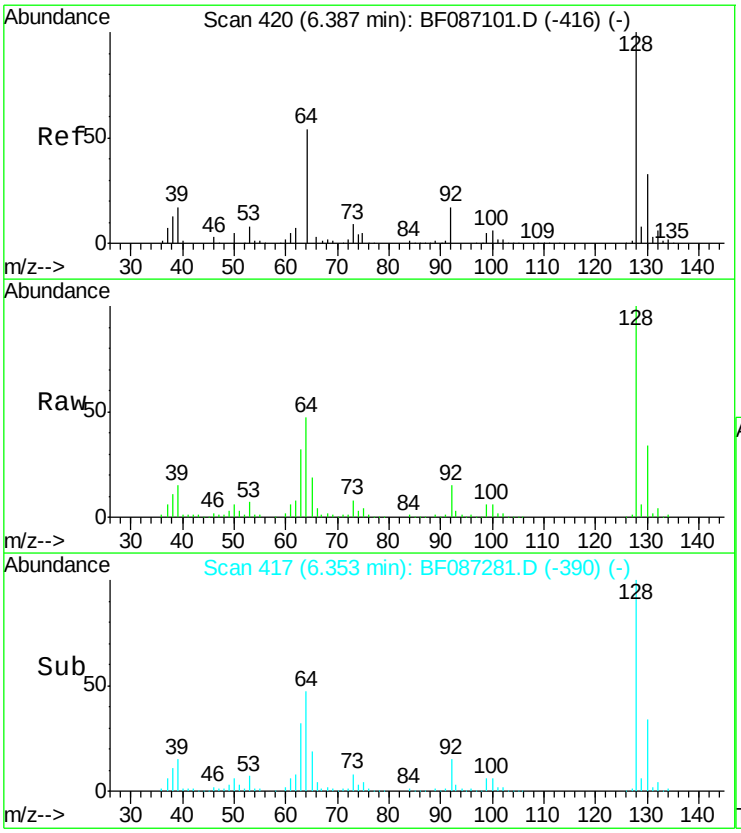
#7
Phenol-d6
Concen: 120.50 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 99 Resp: 1220142

Ion	Ratio	Lower	Upper
99	100		
42	27.7	13.6	20.4#
71	39.7	24.6	36.8#

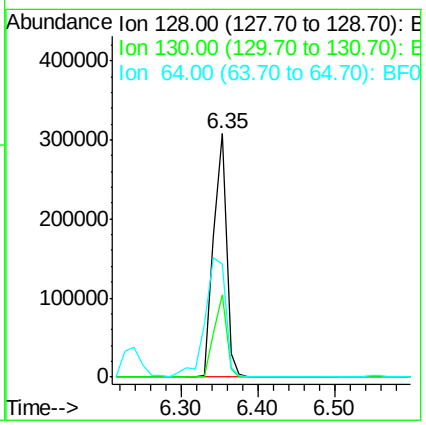


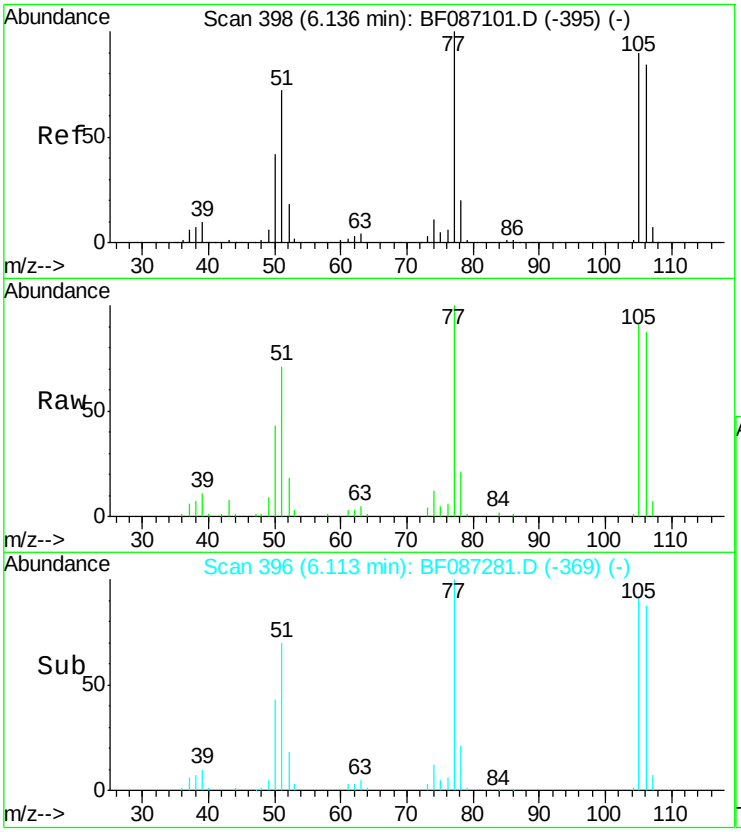


#8
2-Chlorophenol
Concen: 39.23 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:128 Resp: 360355

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.5	52.5
64	46.6	27.3	67.3



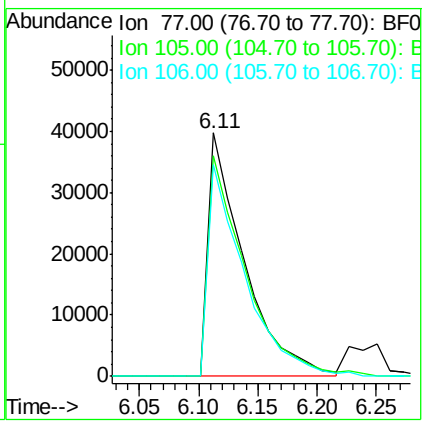


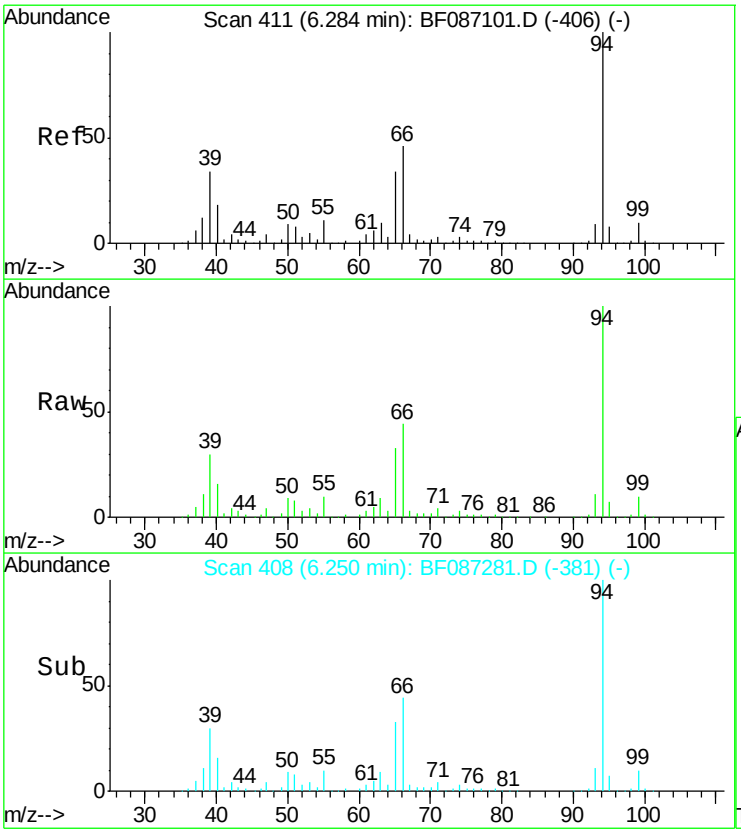
#9
Benzaldehyde
Concen: 12.56 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 77 Resp: 83516

Ion	Ratio	Lower	Upper
77	100		
105	90.8	72.7	112.7
106	86.8	70.8	110.8

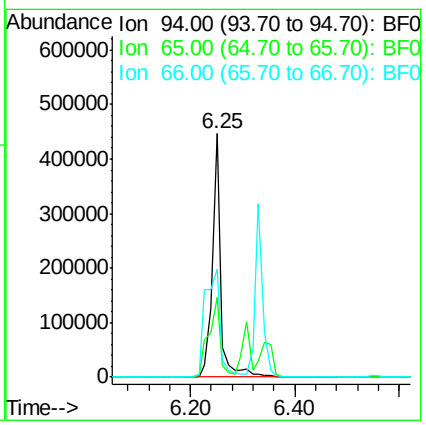


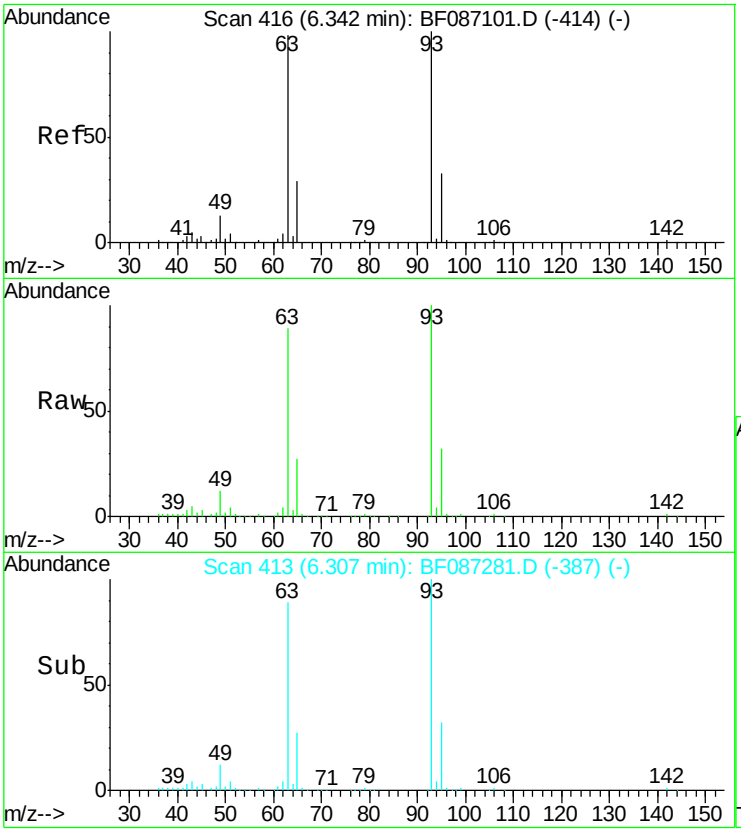


#10
Phenol
Concen: 39.80 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 94 Resp: 506613

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.2	47.2
66	44.3	14.9	54.9



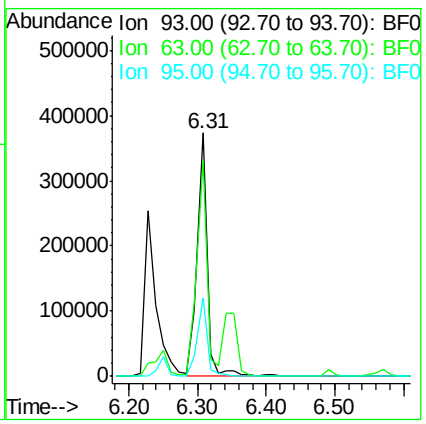


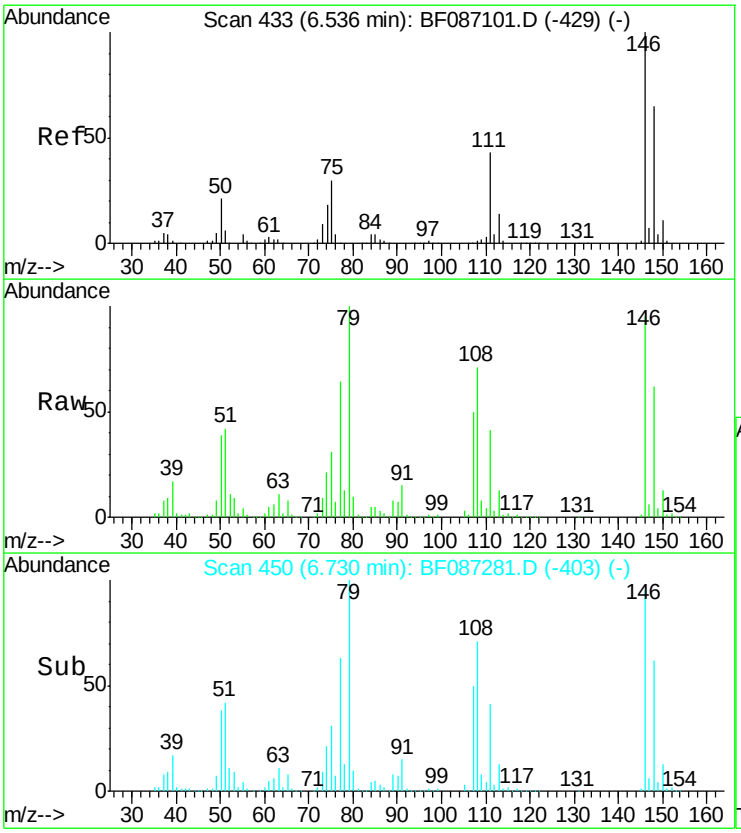
#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 93 Resp: 370370

Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.0	98.0
95	32.4	11.9	51.9

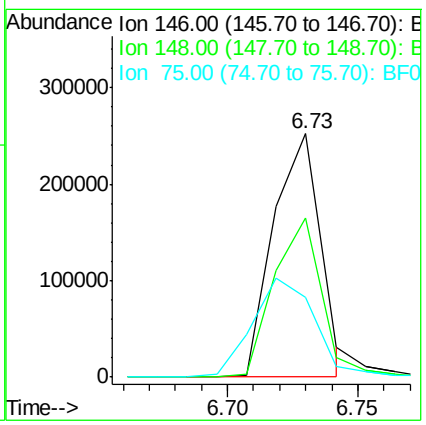


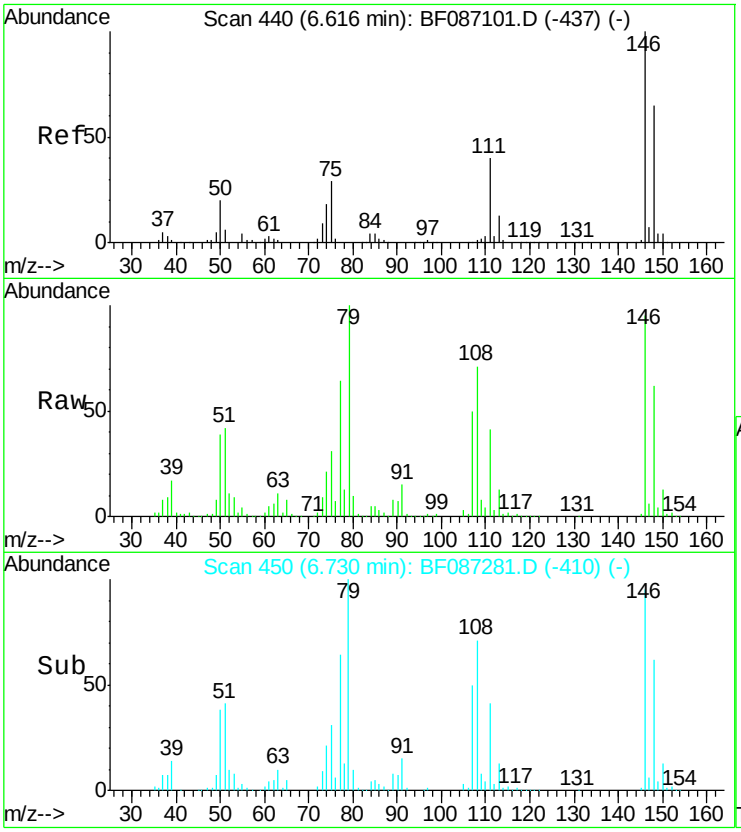


#12
1,3-Dichlorobenzene
Concen: 32.40 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.24 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:146 Resp: 316391

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
75	32.6	22.8	34.2



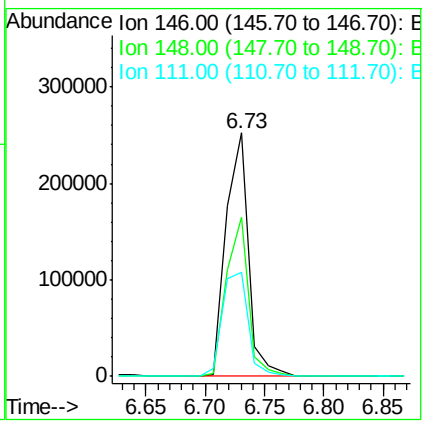


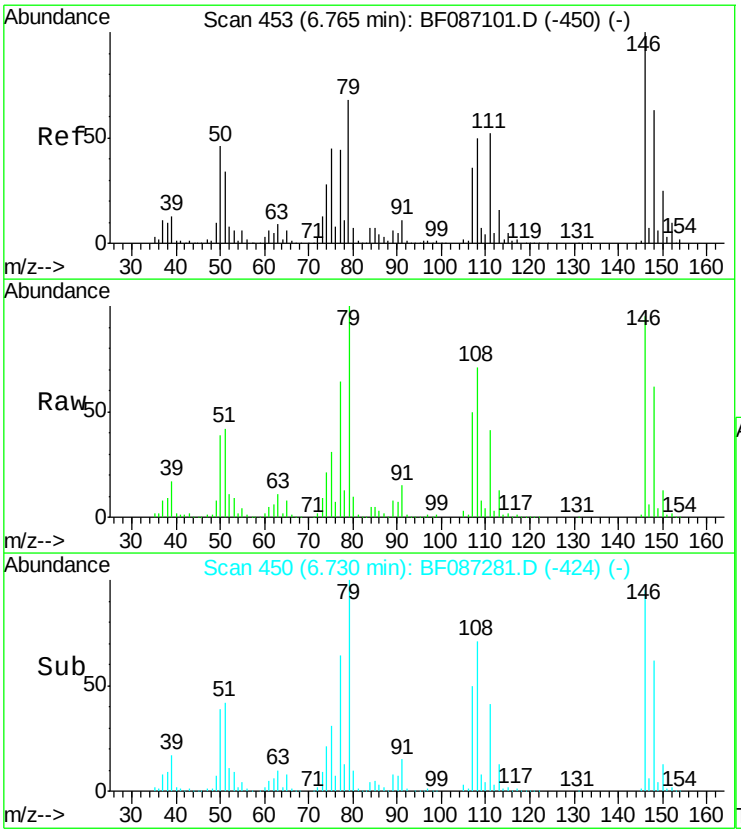
#13
1,4-Dichlorobenzene
Concen: 32.83 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.16 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:146 Resp: 328040

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	42.9	30.7	46.1

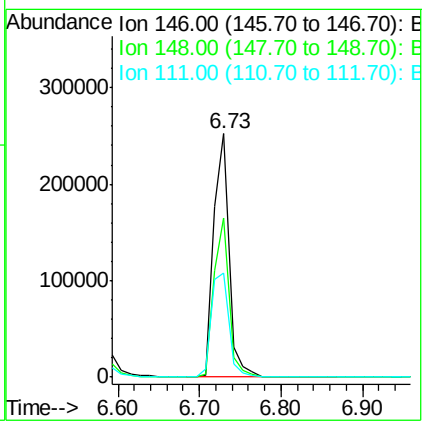


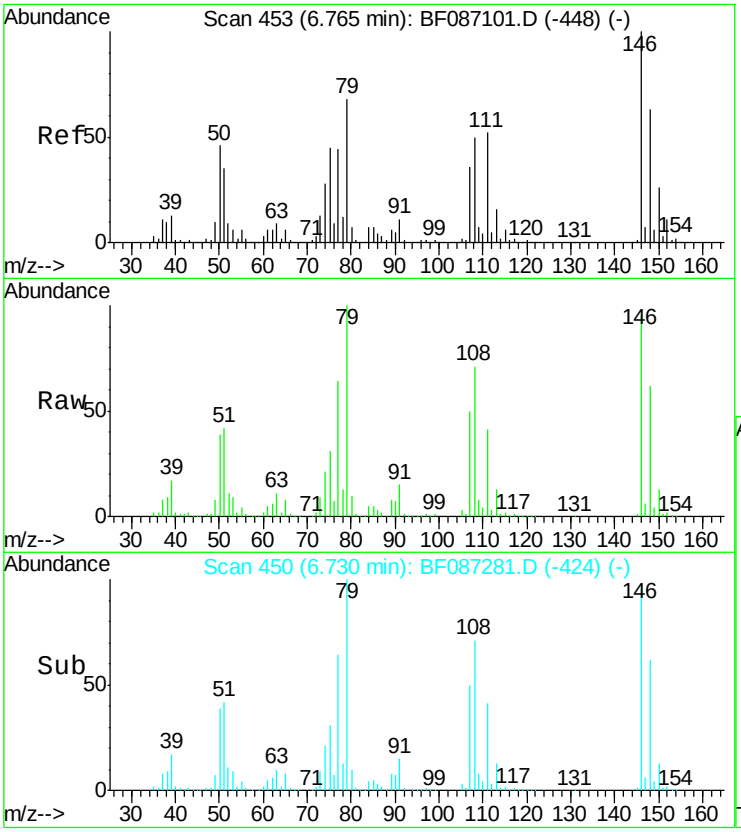


#14
1,2-Dichlorobenzene
Concen: 37.88 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:146 Resp: 331359

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	42.9	36.2	54.4



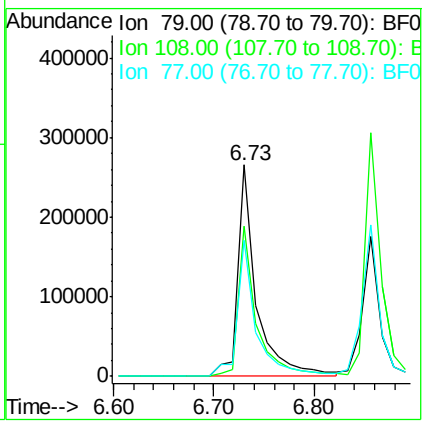


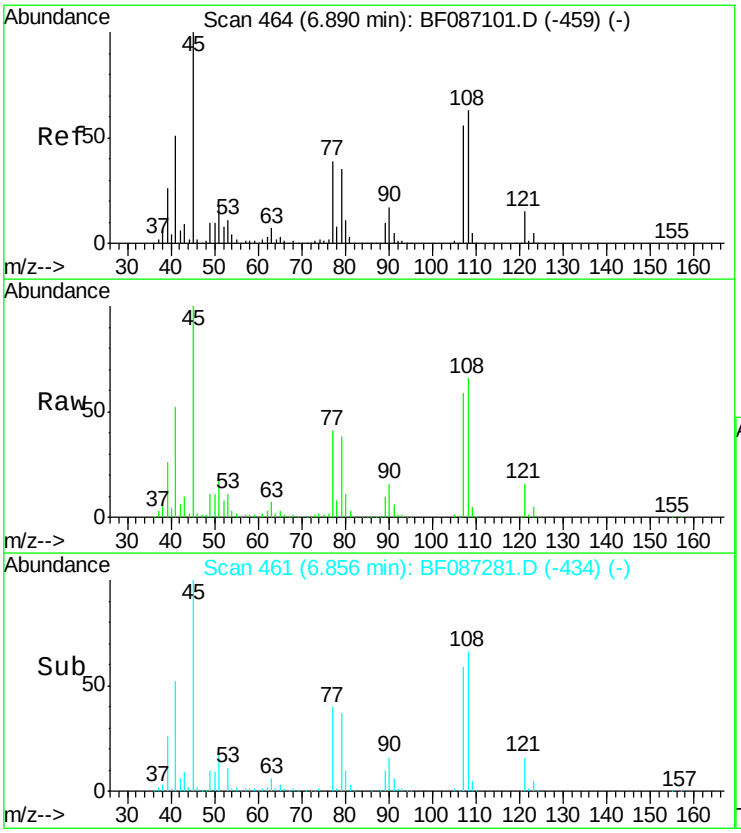
#15
Benzyl Alcohol
Concen: 45.31 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 79 Resp: 341559

Ion	Ratio	Lower	Upper
79	100		
108	70.8	68.4	102.6
77	64.1	50.6	76.0

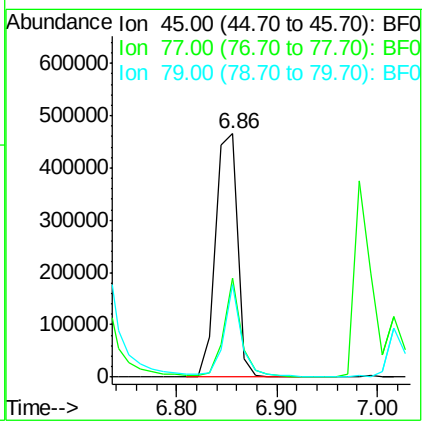


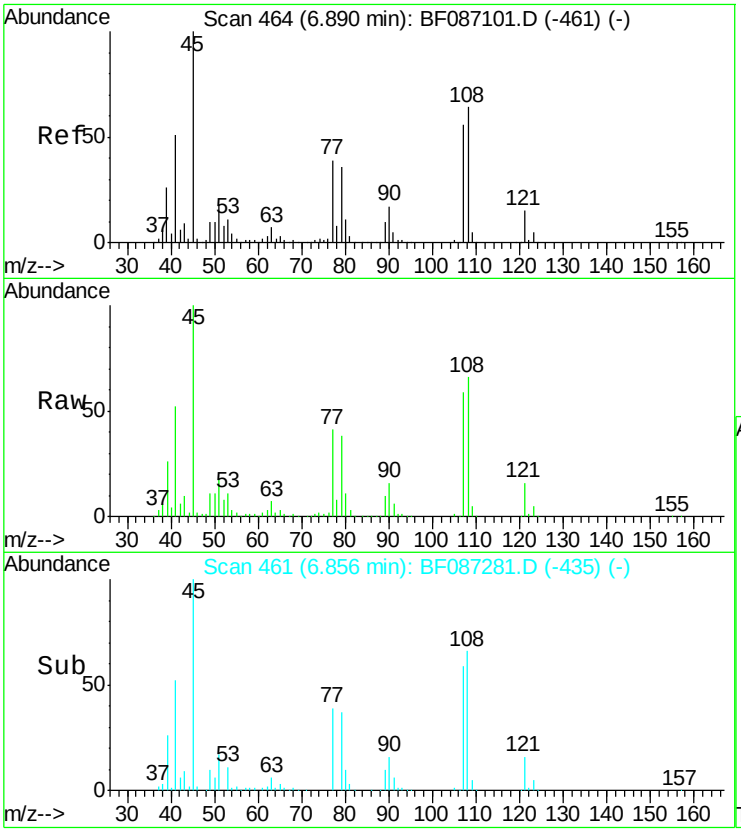


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.98 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 45 Resp: 707046

Ion	Ratio	Lower	Upper
45	100		
77	40.7	0.0	36.4#
79	37.8	0.0	33.4#



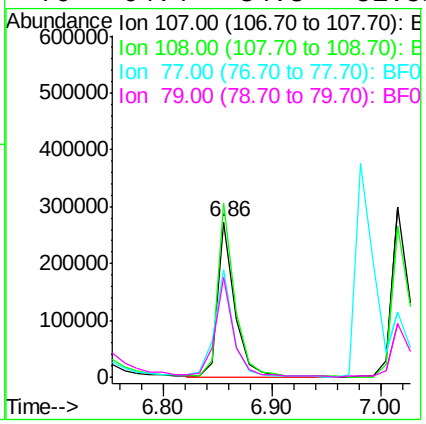


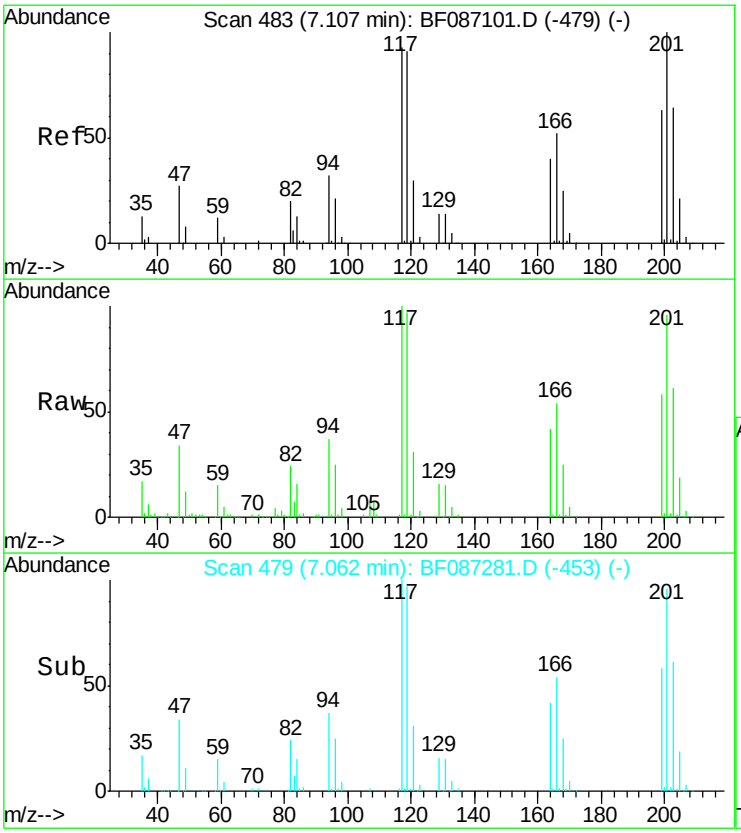
#17
2-Methylphenol
Concen: 39.35 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:107 Resp: 296858

Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.7	140.5
77	69.4	33.4	50.0#
79	64.4	34.3	51.5#

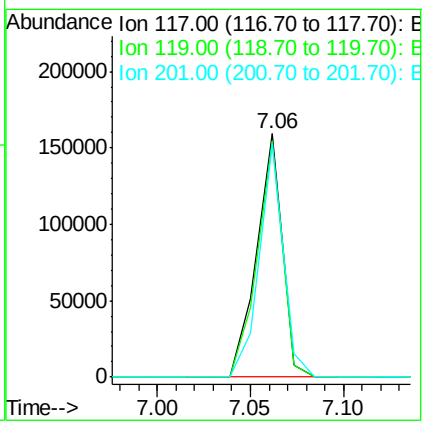


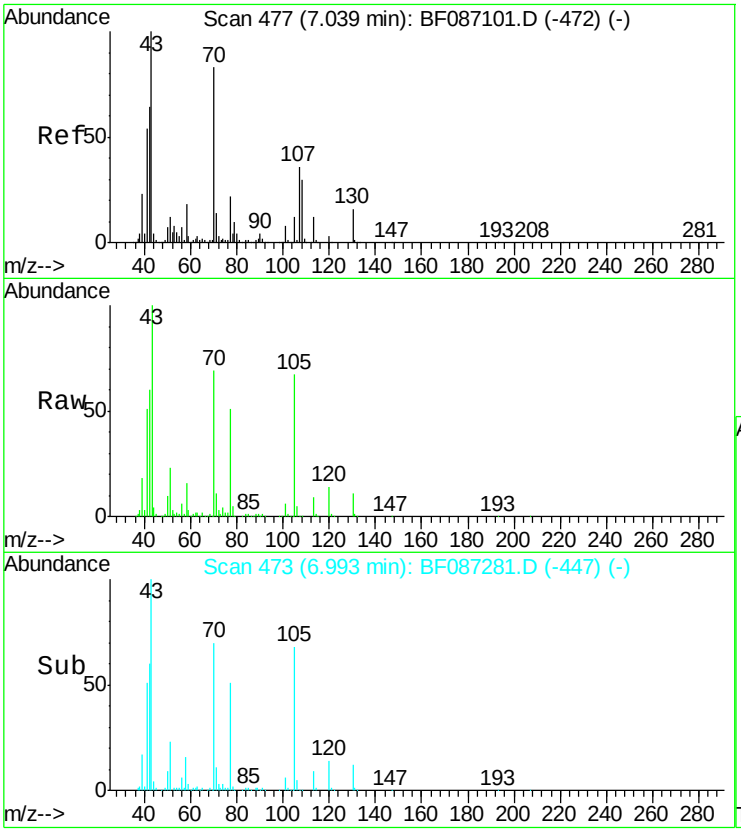


#18
Hexachloroethane
Concen: 39.37 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:117 Resp: 150363

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.5	114.7
201	95.7	63.0	94.6#



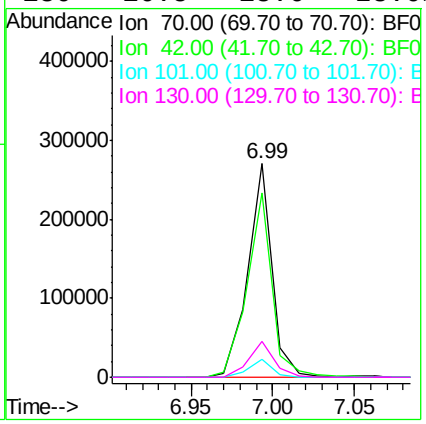


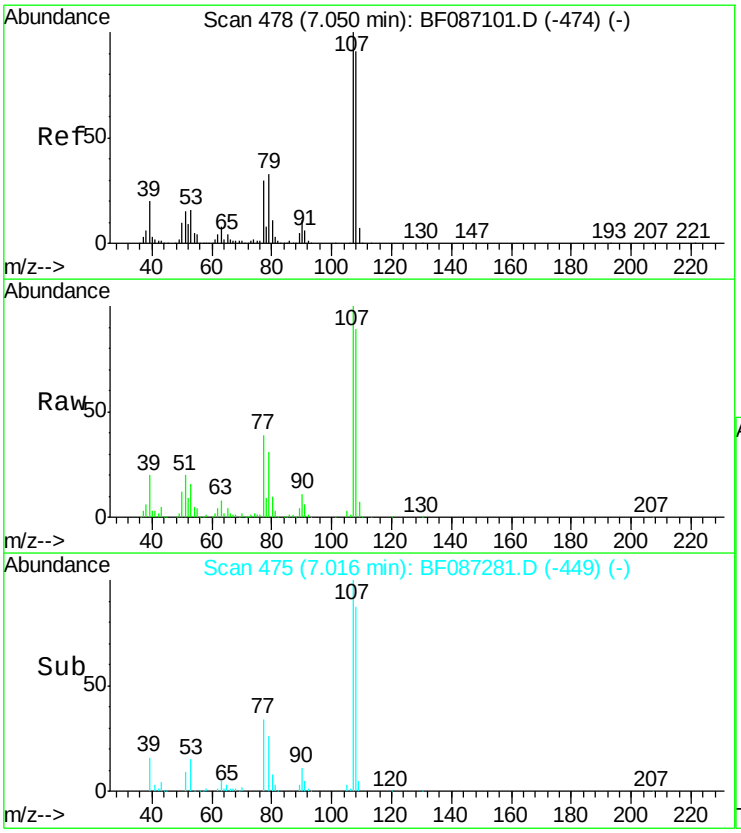
#19
n-Nitroso-di-n-propylamine
Concen: 36.30 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 70 Resp: 279449

Ion	Ratio	Lower	Upper
70	100		
42	86.5	43.1	64.7#
101	8.5	8.1	12.1
130	16.5	18.6	28.0#

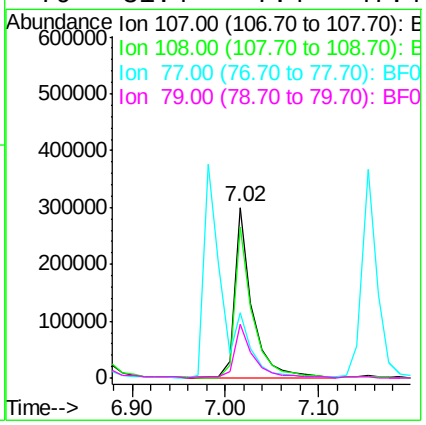


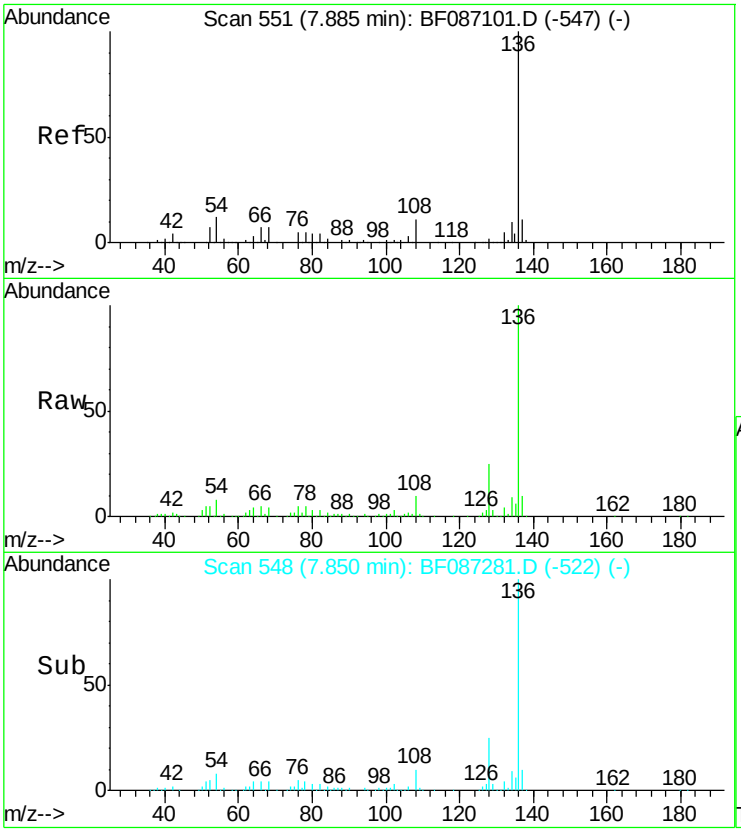


#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:107 Resp: 388266

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.5	108.5
77	38.7	101.6	141.6#
79	31.4	7.4	47.4



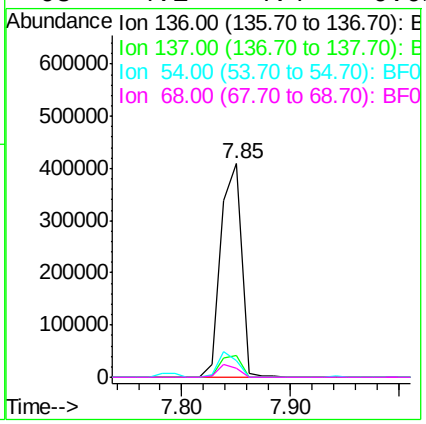


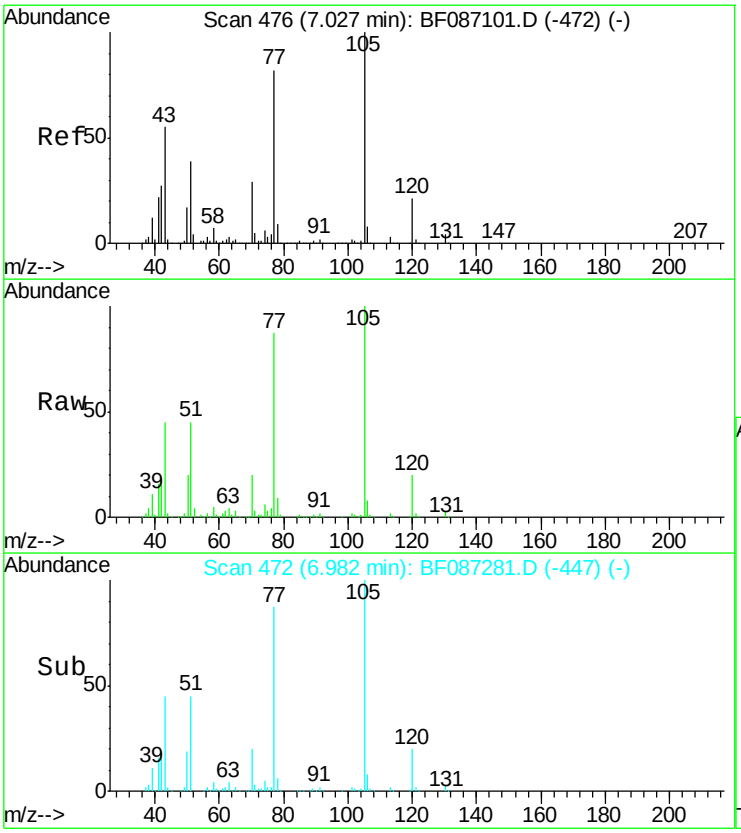
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:136 Resp: 538680

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.9	5.0	7.4#
68	4.1	4.4	6.6#

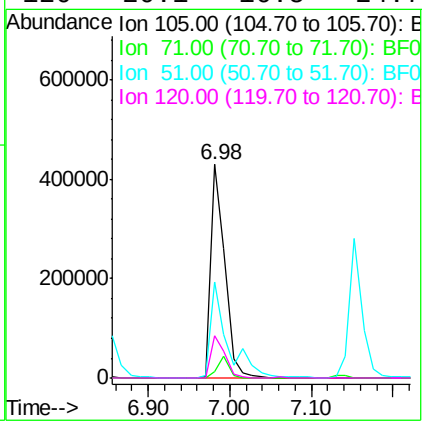


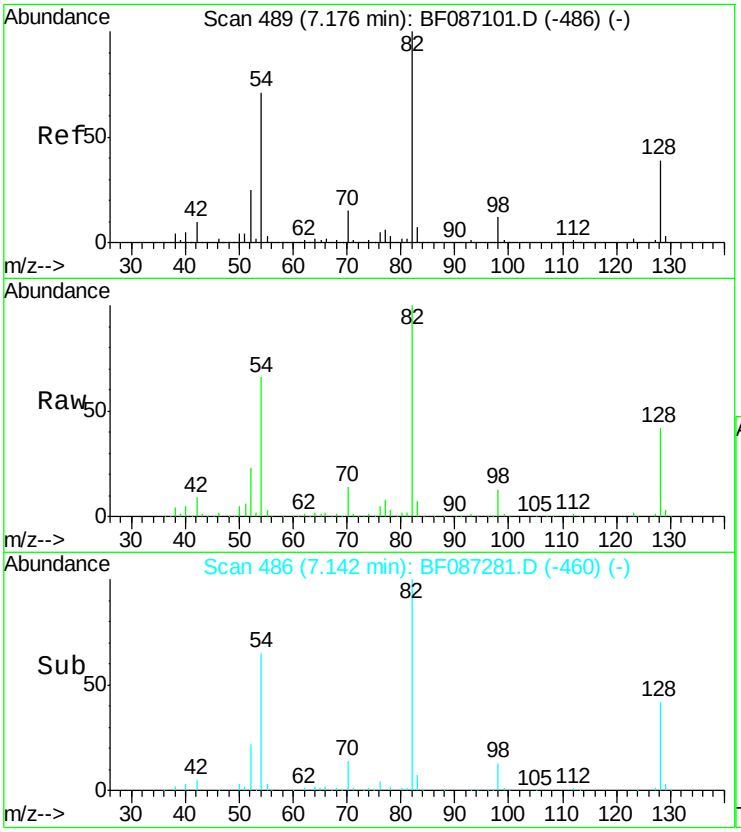


#22
Acetophenone
Concen: 39.40 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:105 Resp: 519345

Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.8	7.2#
51	45.1	32.6	49.0
120	20.1	16.5	24.7



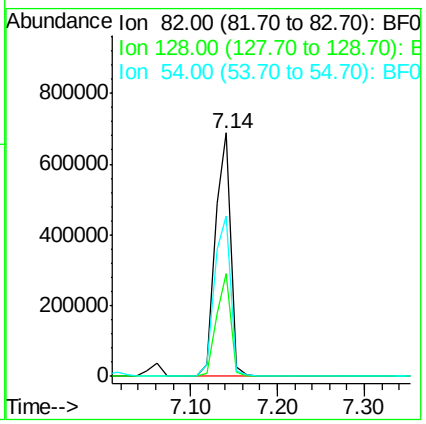


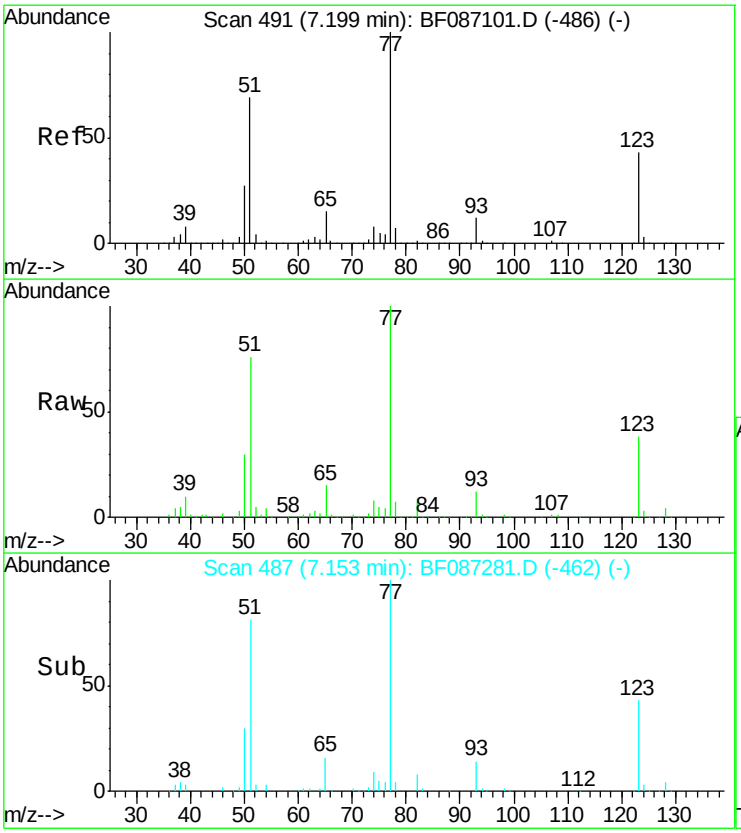
#23
Nitrobenzene-d5
Concen: 79.76 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 82 Resp: 862049

Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	61.0
54	65.9	38.1	57.1#

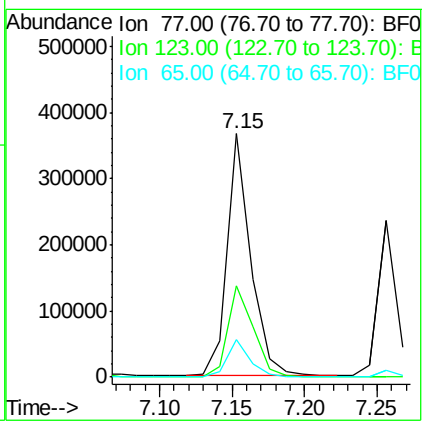


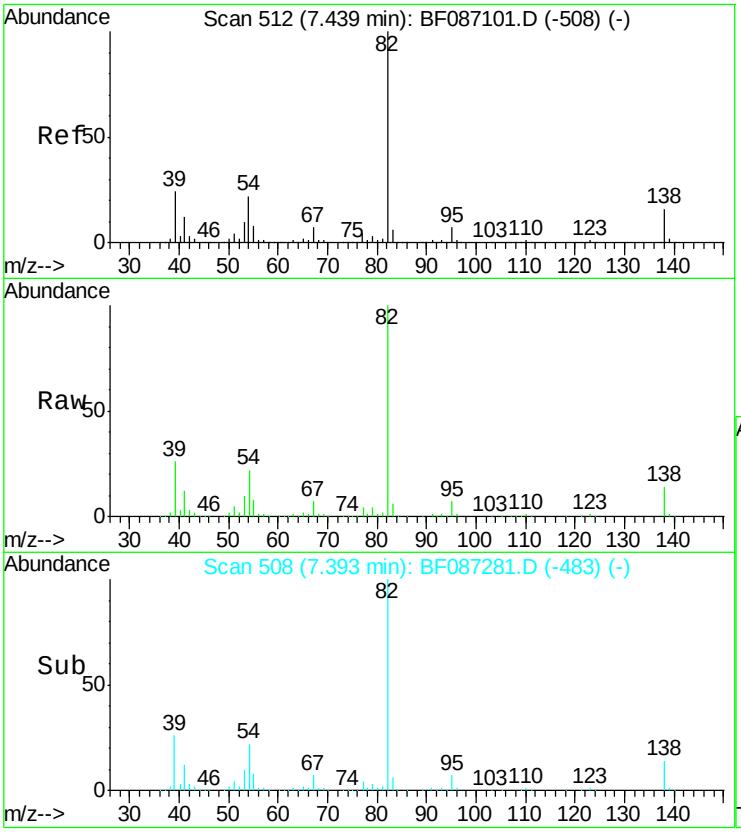


#24
Nitrobenzene
Concen: 35.10 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 77 Resp: 414184

Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.4
65	15.3	10.8	16.2



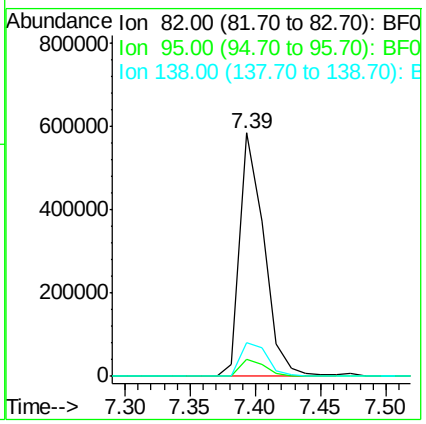


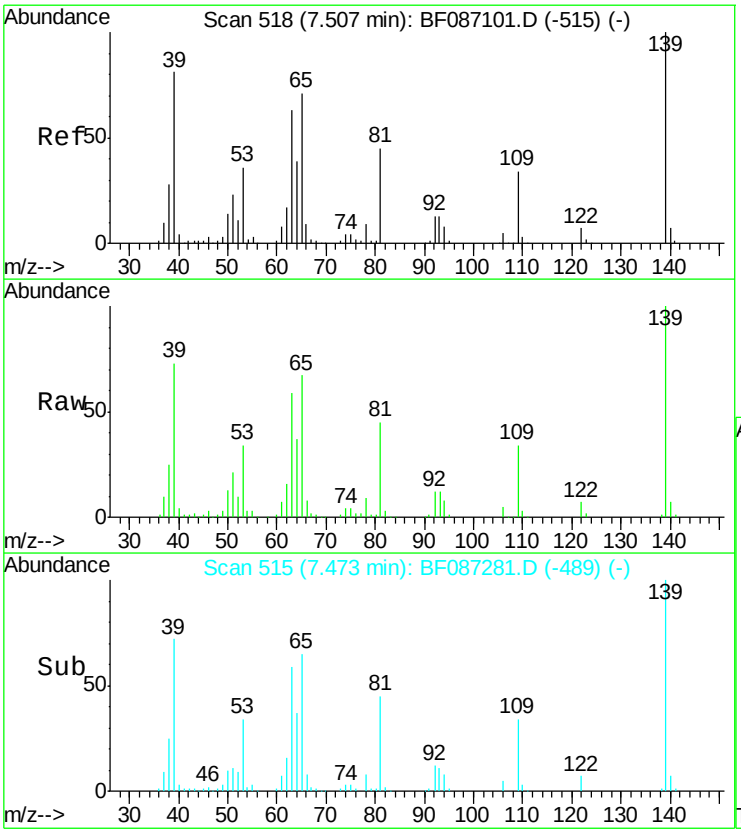
#25
Isophorone
Concen: 38.24 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 82 Resp: 756672

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.1	7.7
138	13.7	12.4	18.6

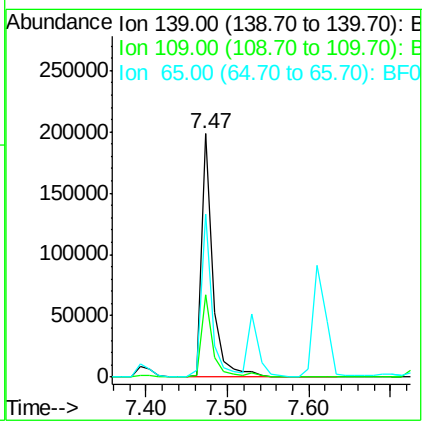


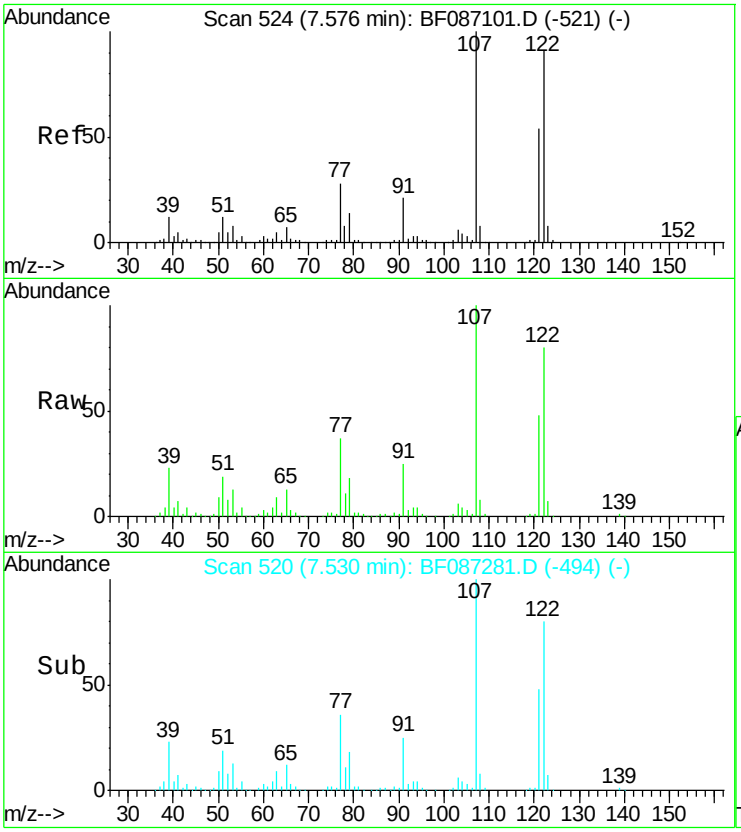


#26
2-Nitrophenol
Concen: 40.12 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:139 Resp: 196151

Ion	Ratio	Lower	Upper
139	100		
109	33.8	19.5	29.3#
65	67.0	37.5	56.3#



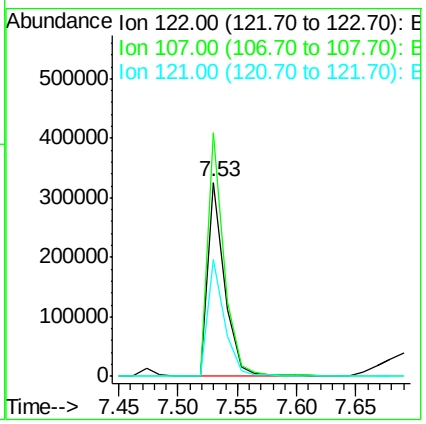


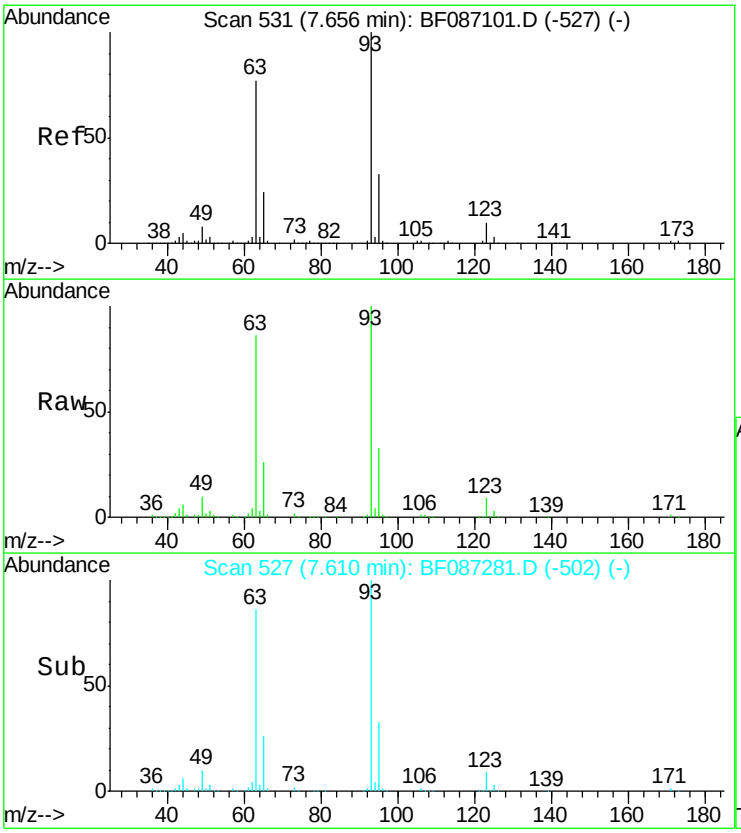
#27
2,4-Dimethylphenol
Concen: 38.46 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:122 Resp: 320900

Ion	Ratio	Lower	Upper
122	100		
107	125.5	82.0	123.0#
121	60.0	46.1	69.1

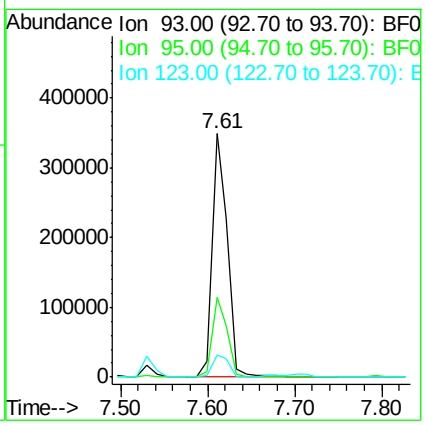


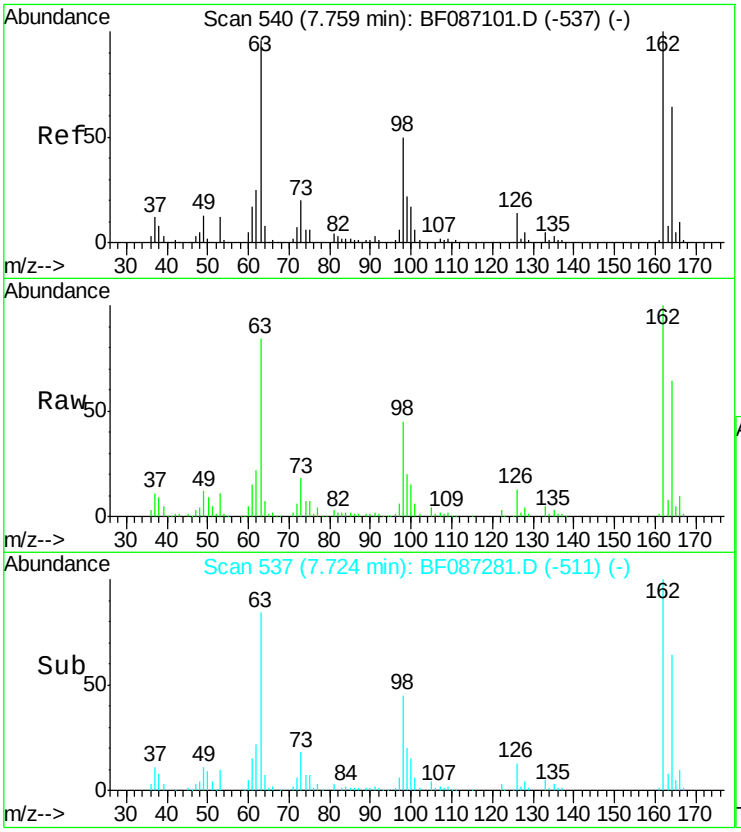


#28
bis(2-Chloroethoxy)methane
Concen: 39.39 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion: 93 Resp: 427879

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	9.3	9.5	14.3#



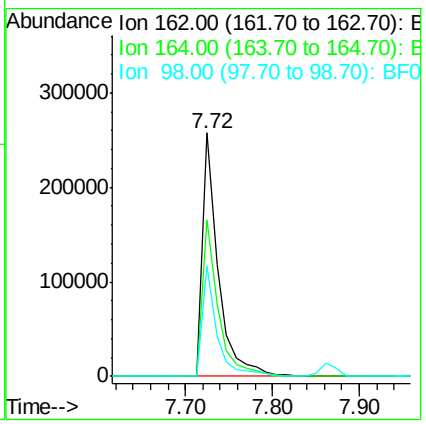


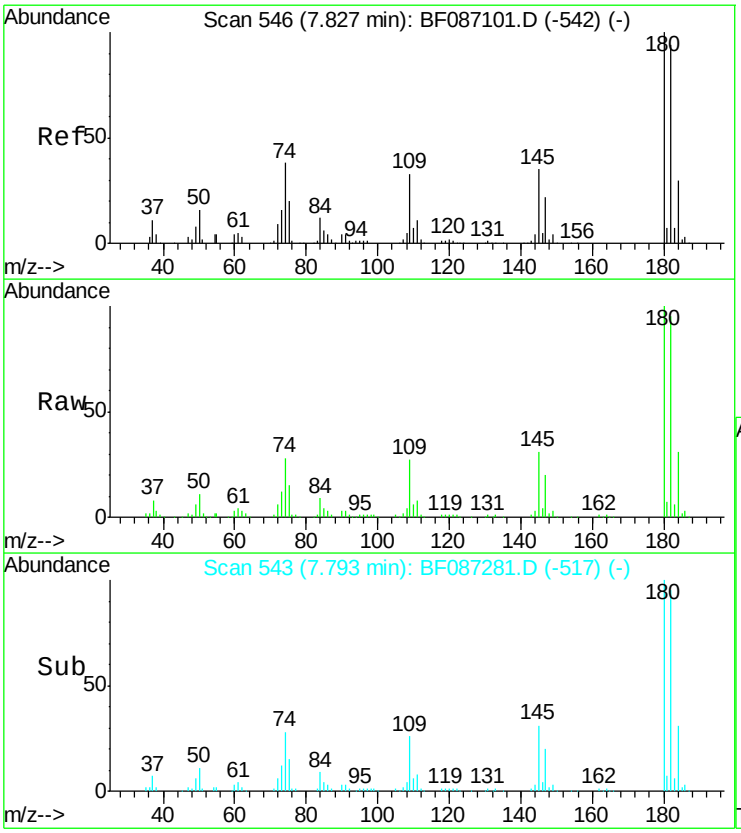
#29
2,4-Dichlorophenol
Concen: 44.04 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:162 Resp: 323748

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.2	82.2
98	45.4	19.0	59.0

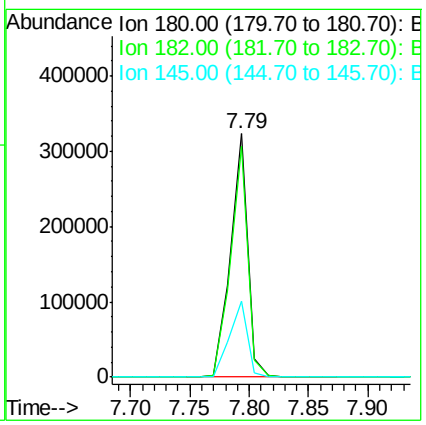


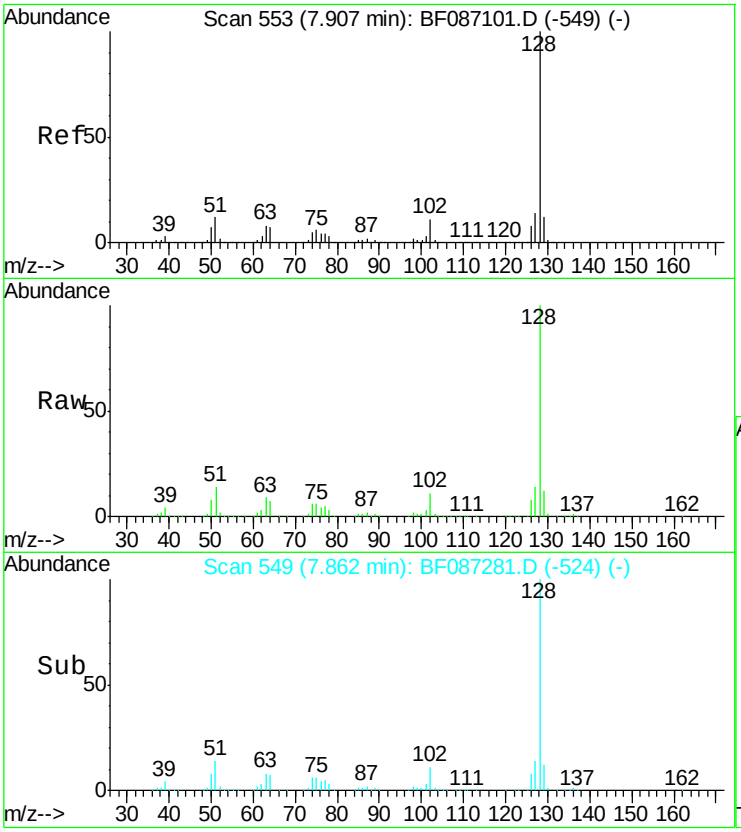


#30
1,2,4-Trichlorobenzene
Concen: 39.99 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:180 Resp: 326252

Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	31.4	24.2	36.2



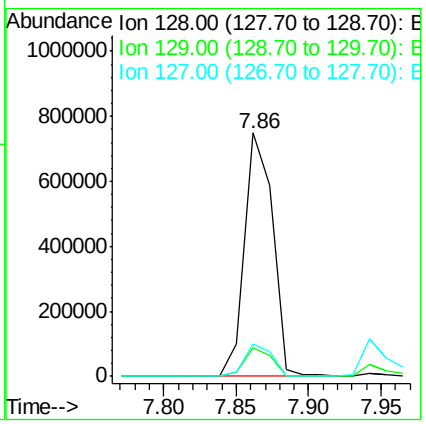


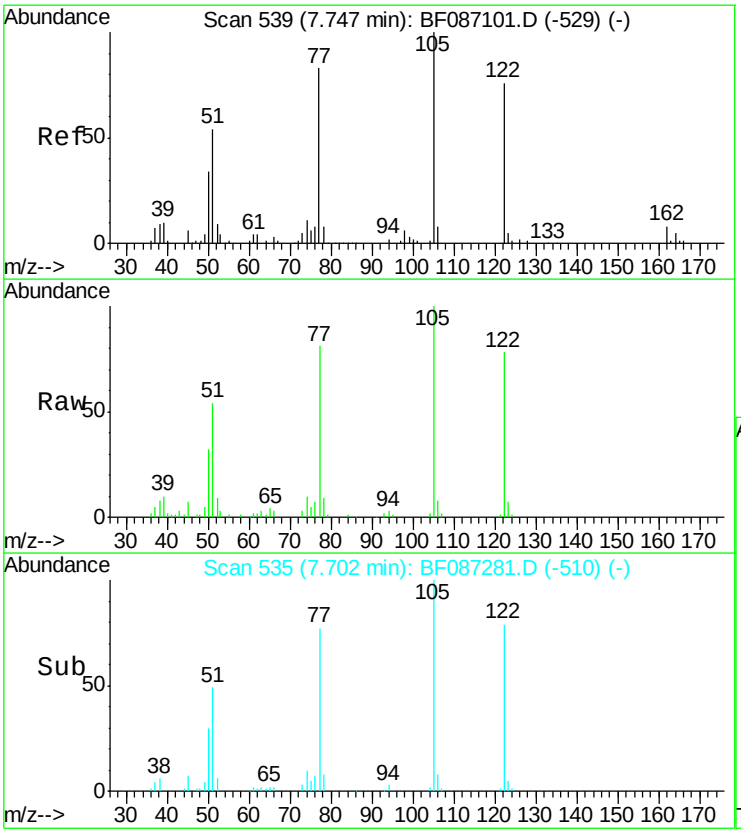
#31
Naphthalene
Concen: 38.33 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:128 Resp: 1008778

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.6	10.8	16.2

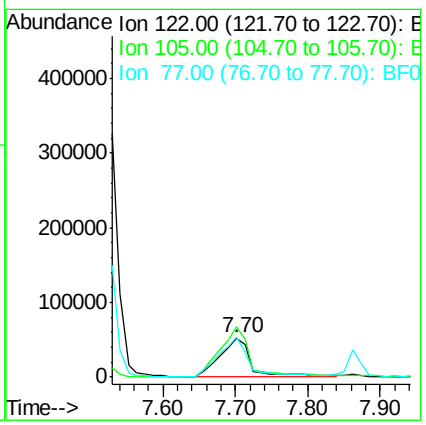


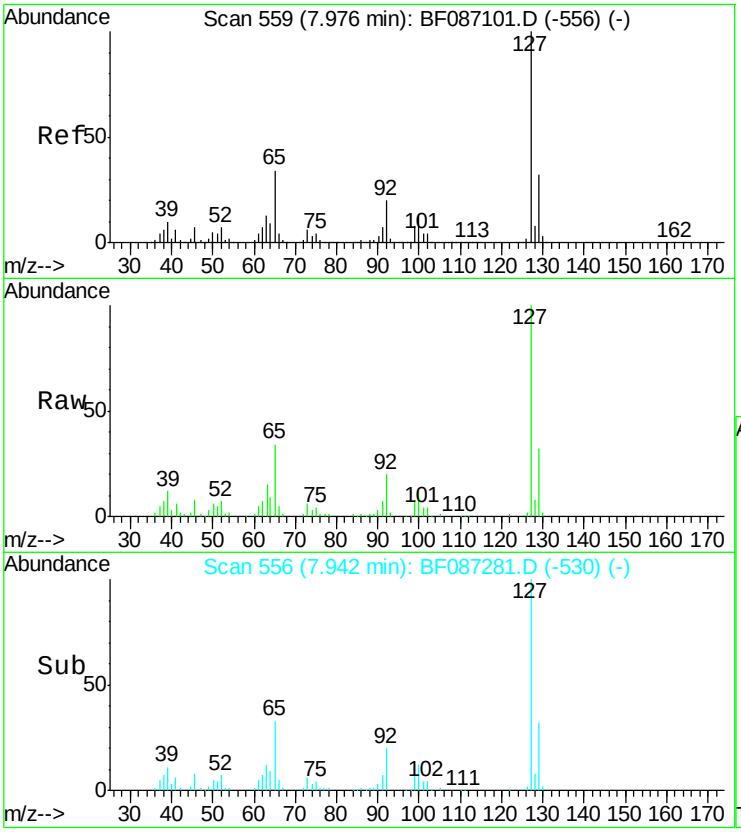


#32
Benzoic acid
Concen: 30.15 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:122 Resp: 149920

Ion	Ratio	Lower	Upper
122	100		
105	127.6	92.6	132.6
77	103.6	60.0	100.0#



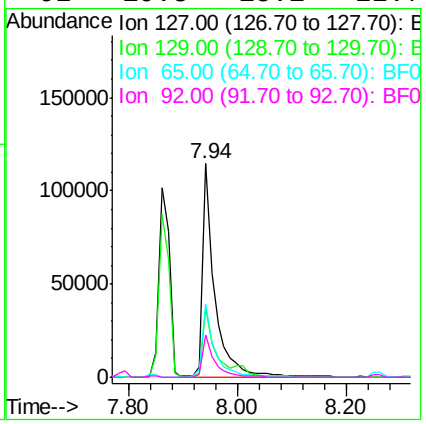


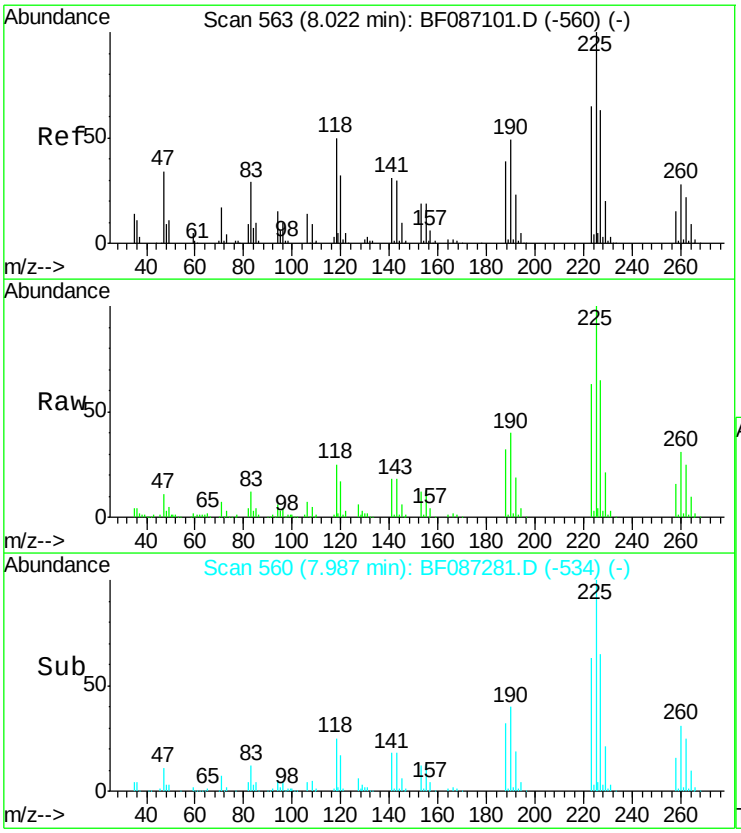
#33
4-Chloroaniline
Concen: 15.85 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:127 Resp: 173433

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.1	23.0	34.4
92	19.8	15.1	22.7

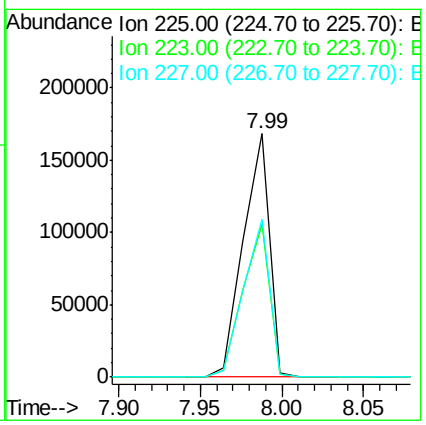


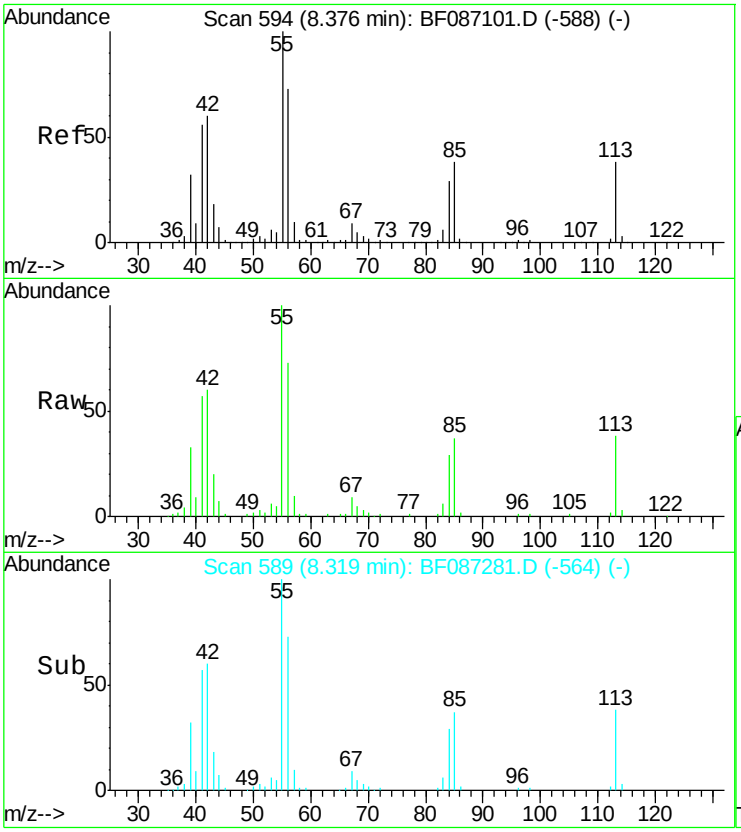


#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:225 Resp: 187344

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	64.8	52.2	78.2



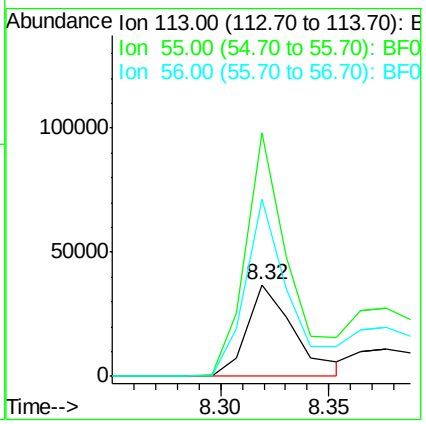


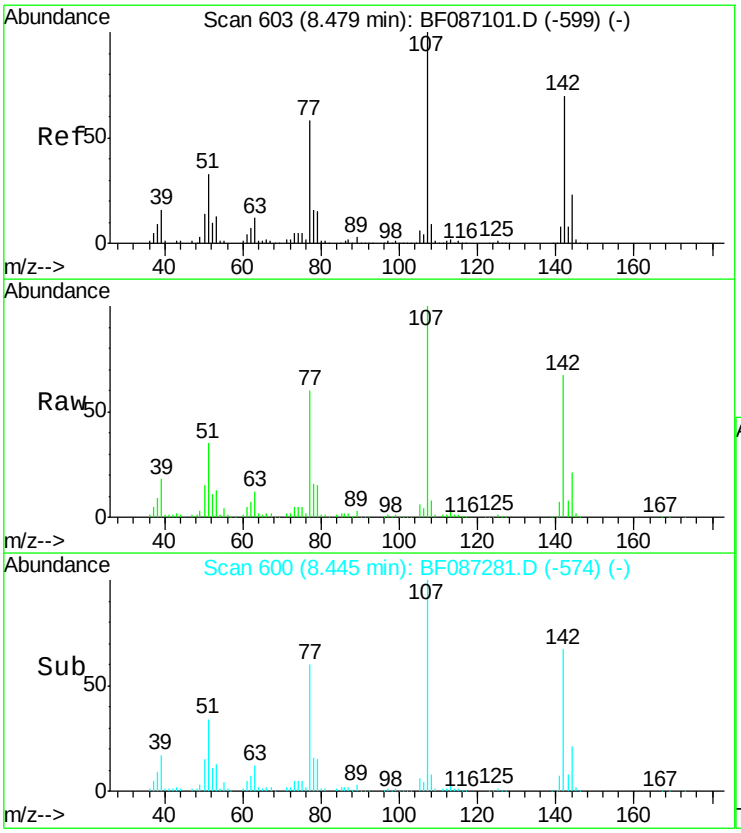
#35
Caprolactam
Concen: 22.83 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:113 Resp: 55897

Ion	Ratio	Lower	Upper
113	100		
55	265.8	162.0	202.0#
56	192.9	115.3	155.3#

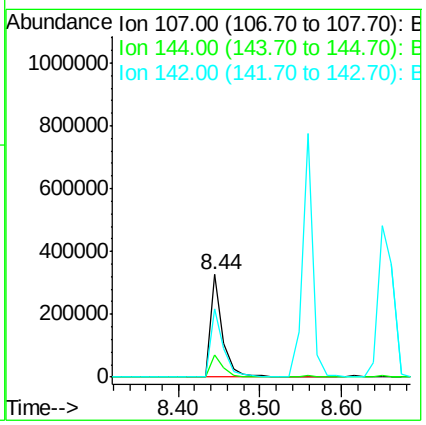


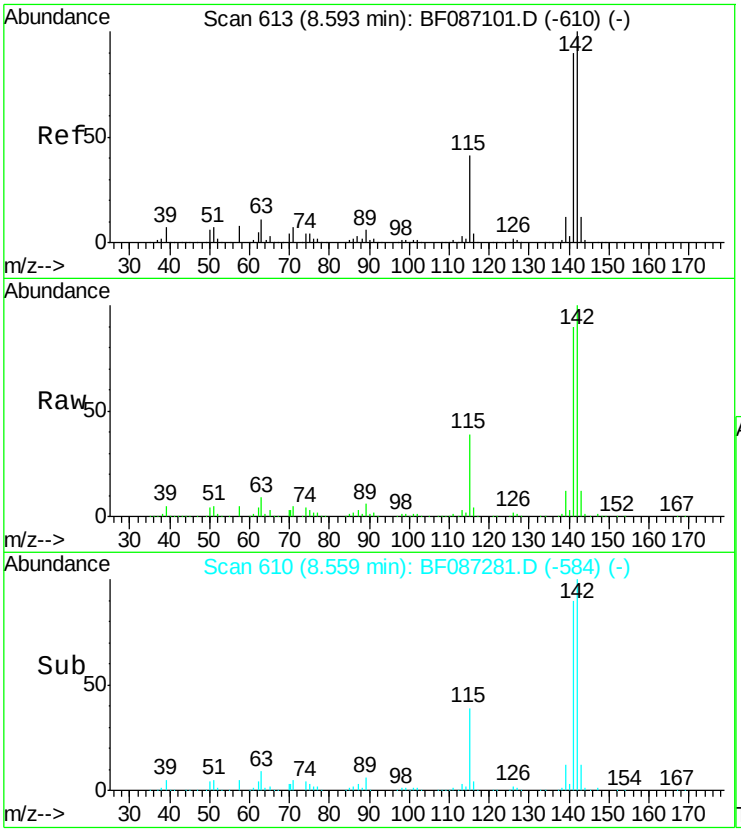


#36
4-Chloro-3-methylphenol
Concen: 38.14 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:107 Resp: 338265

Ion	Ratio	Lower	Upper
107	100		
144	21.3	20.7	31.1
142	66.7	63.2	94.8



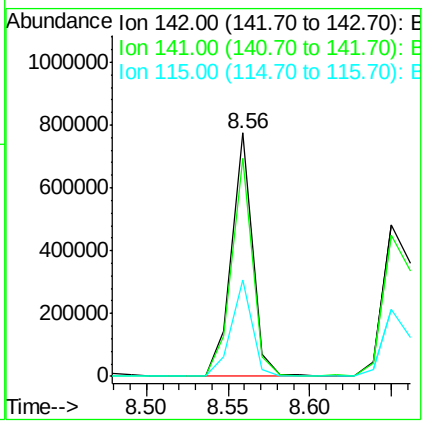


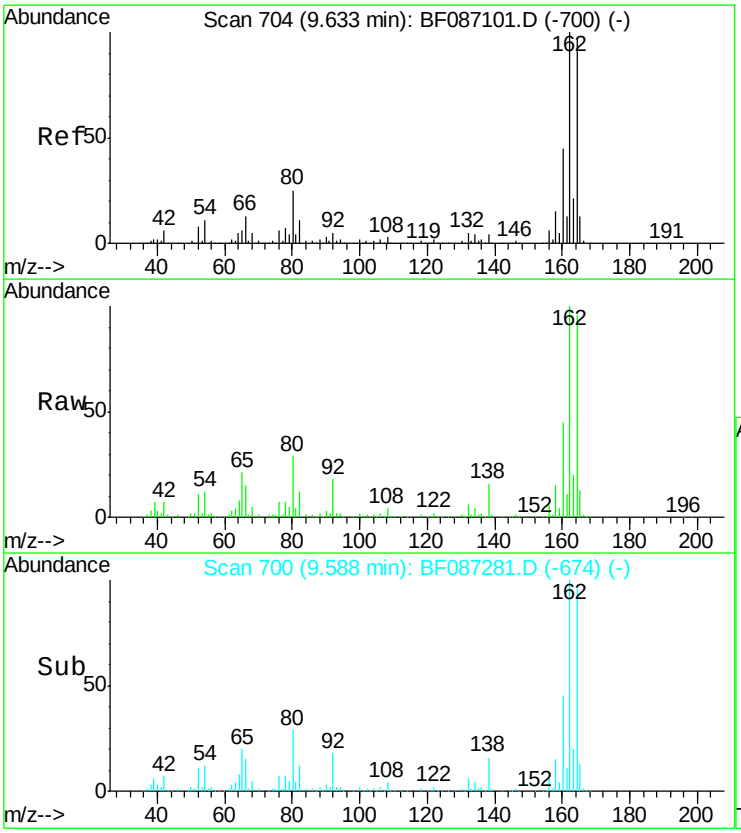
#37
2-Methylnaphthalene
Concen: 40.73 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:142 Resp: 685627

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	39.5	26.6	39.8

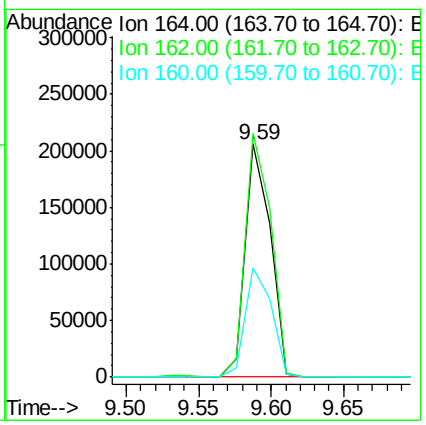


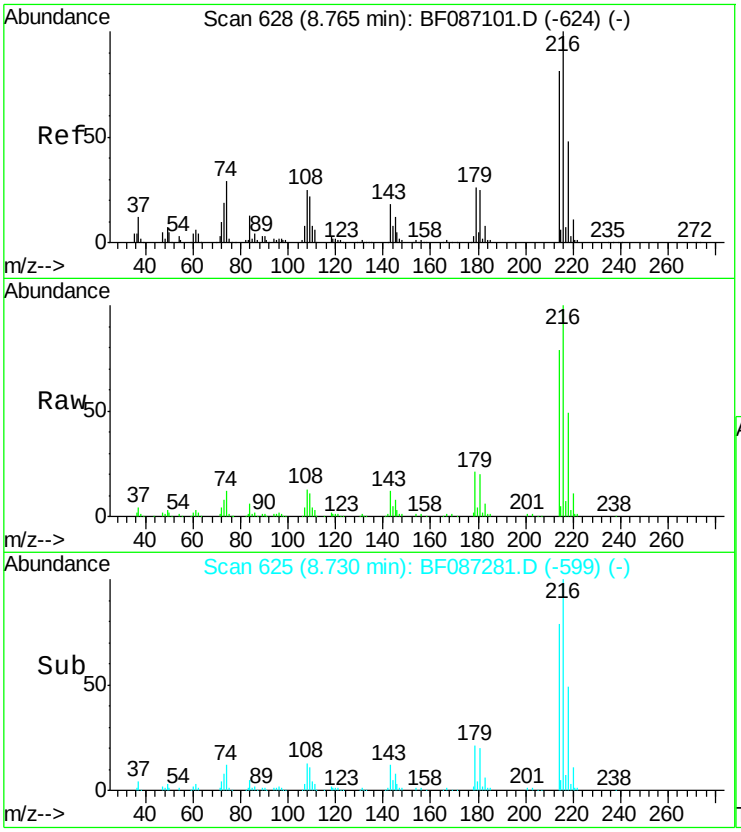


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:164 Resp: 248567

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.8	124.2
160	47.0	36.9	55.3



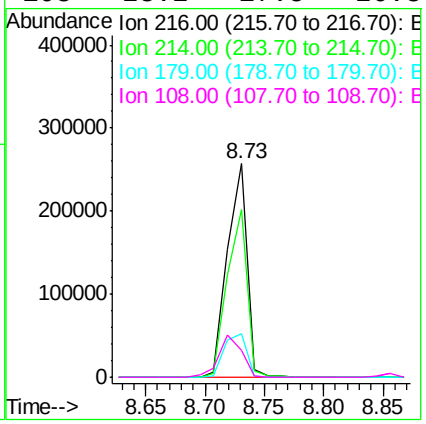


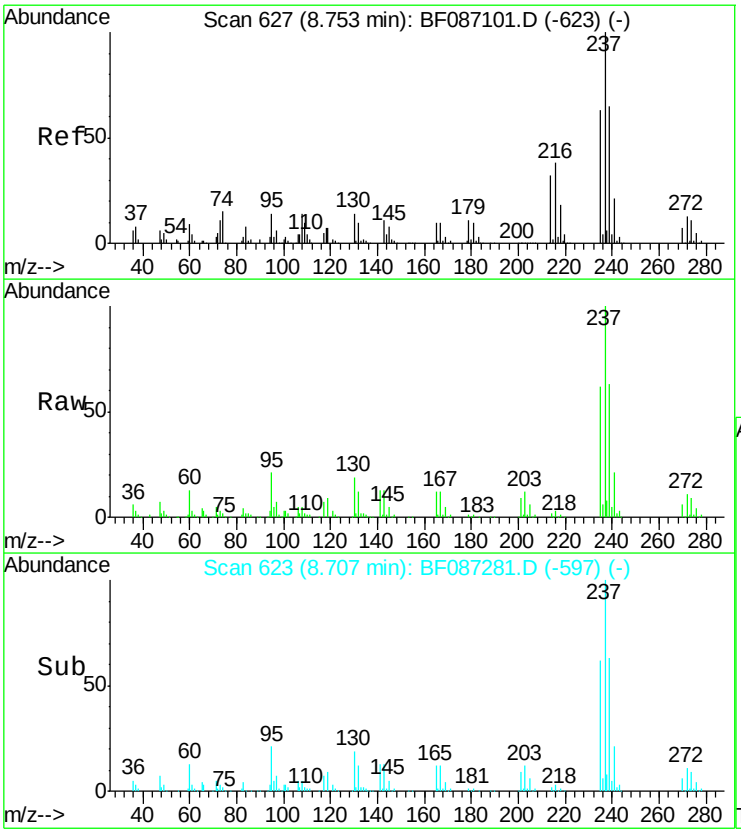
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.81 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:216 Resp: 296254

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	23.5	18.2	27.4
108	23.2	17.5	26.3

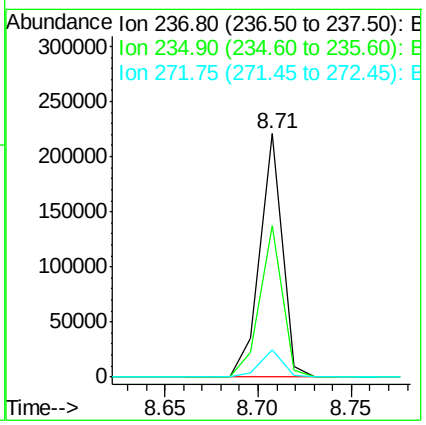


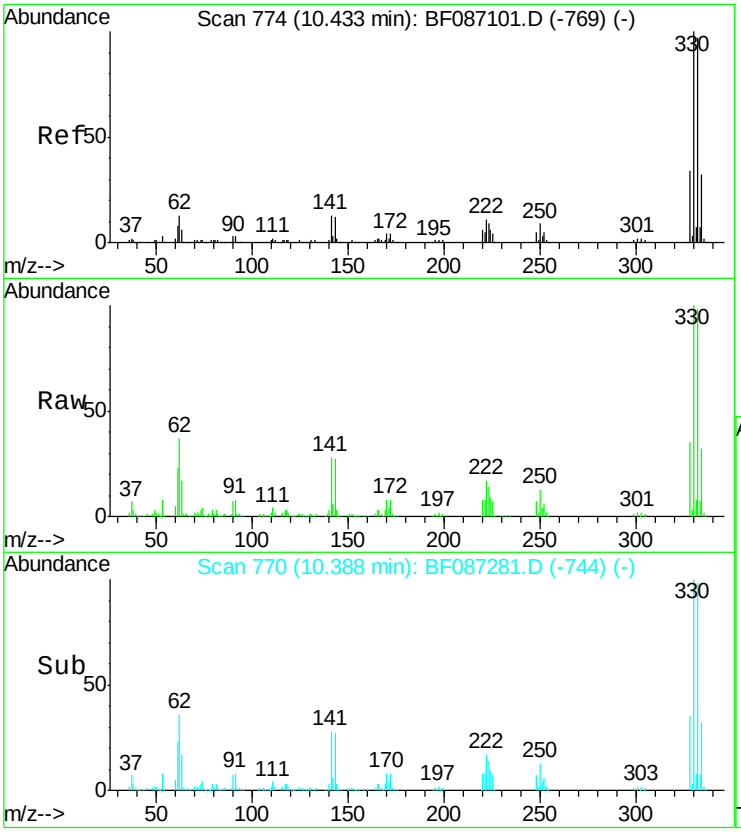


#40
Hexachlorocyclopentadiene
Concen: 66.76 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:237 Resp: 183110

Ion	Ratio	Lower	Upper
237	100		
235	62.0	47.2	87.2
272	11.5	0.0	31.1



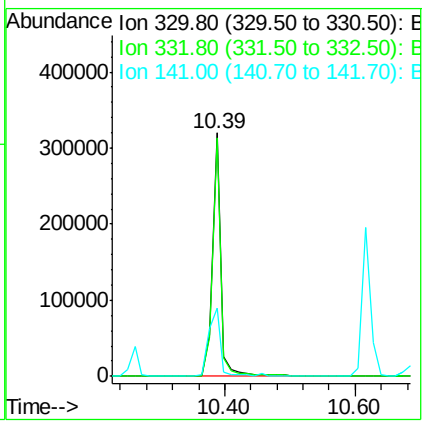


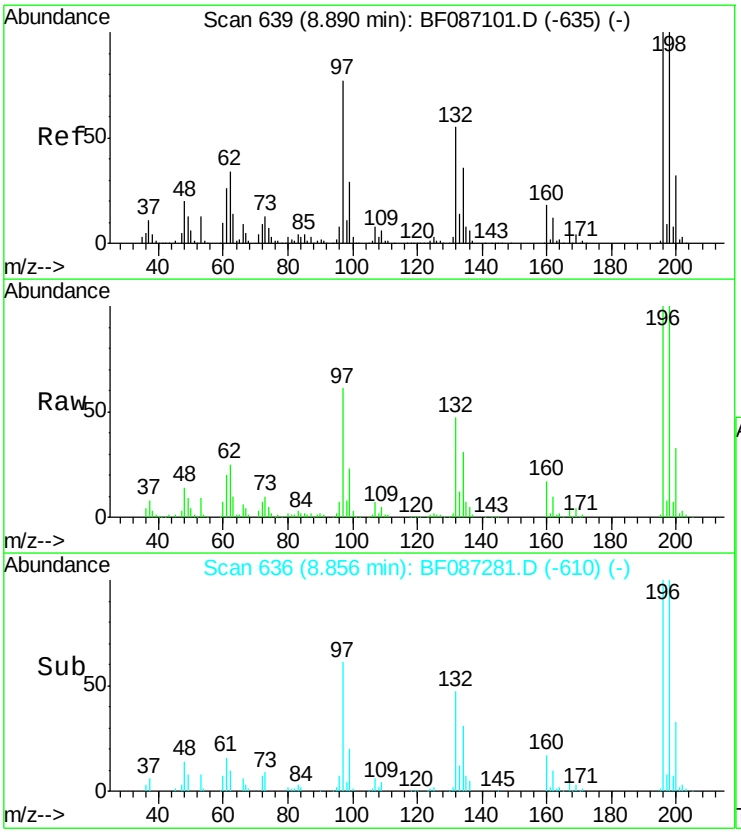
#41
2,4,6-Tribromophenol
Concen: 108.26 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:330 Resp: 297370

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	38.6	31.2	46.8

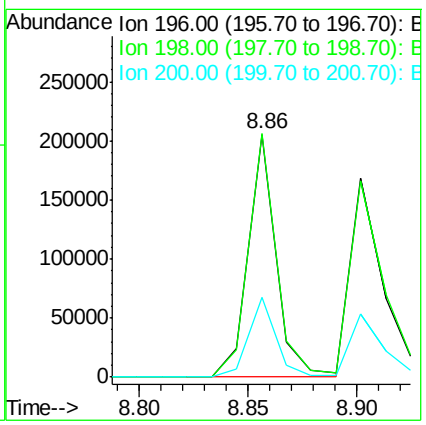


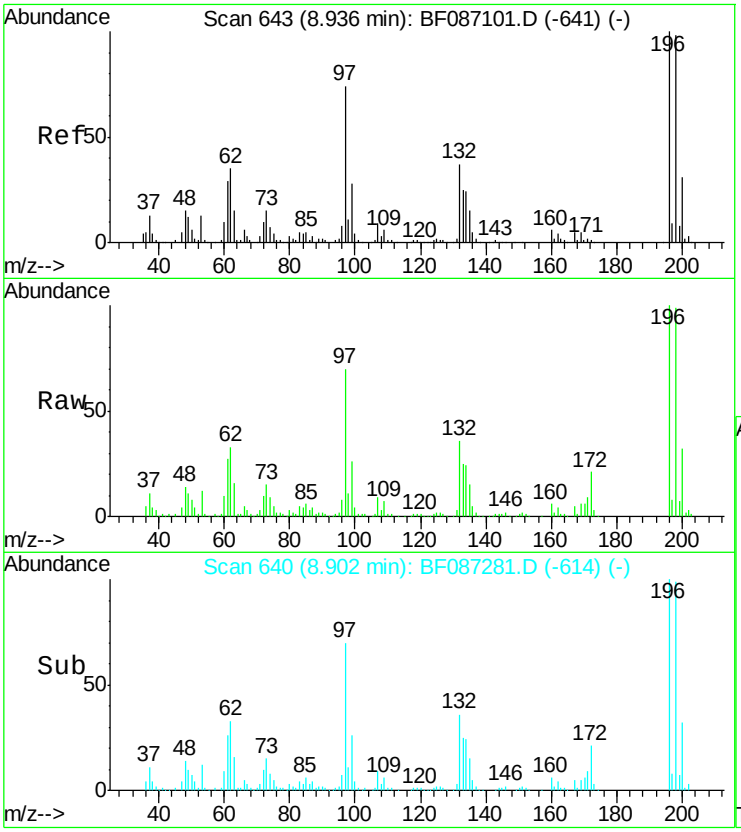


#42
2,4,6-Trichlorophenol
Concen: 39.08 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:196 Resp: 184010

Ion	Ratio	Lower	Upper
196	100		
198	100.3	74.7	112.1
200	32.6	23.8	35.6



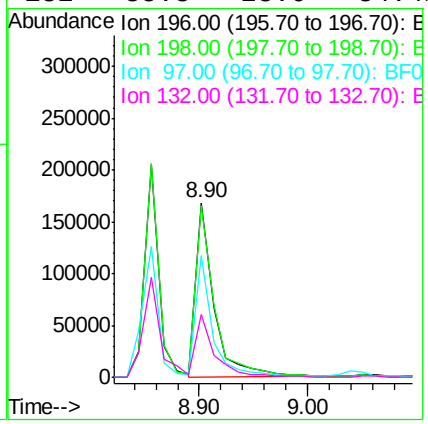


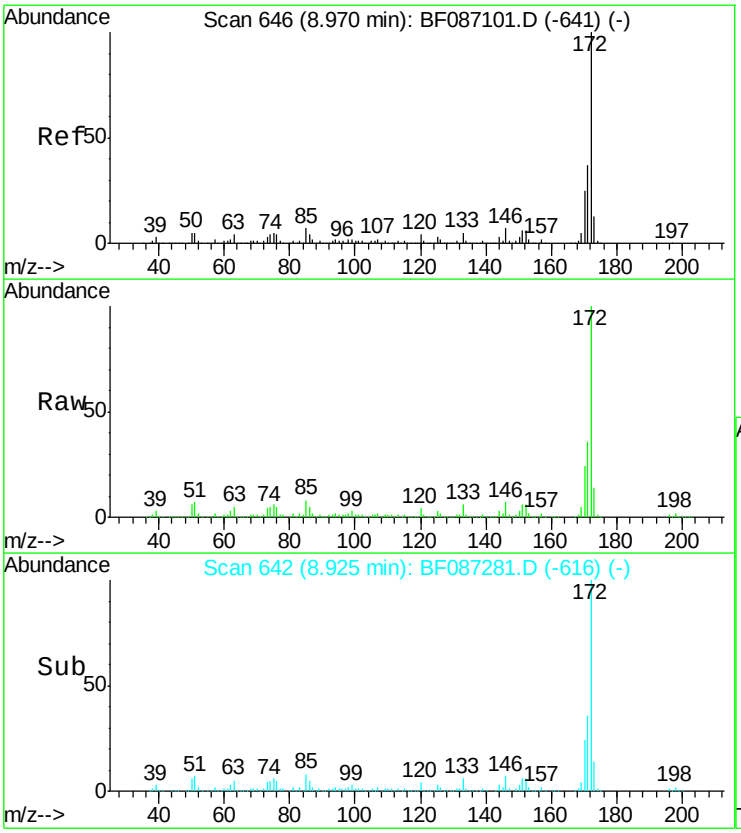
#43
2,4,5-Trichlorophenol
Concen: 39.81 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:196 Resp: 194732

Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.5	116.3
97	69.8	34.8	52.2#
132	35.8	23.0	34.4#

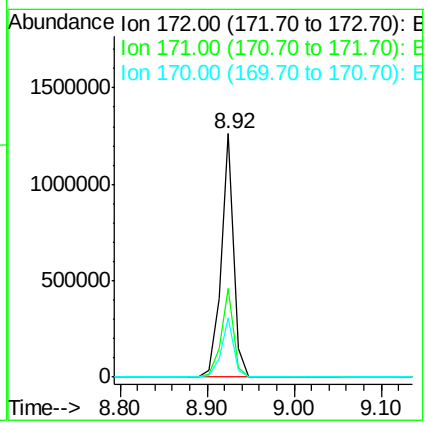


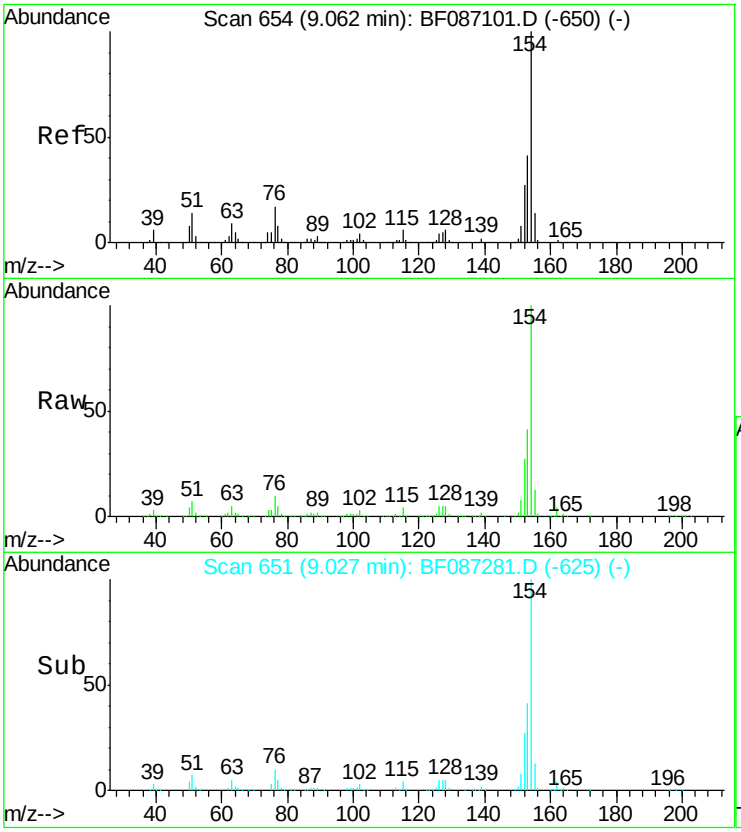


#44
2-Fluorobiphenyl
Concen: 85.42 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:172 Resp: 1281973

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8



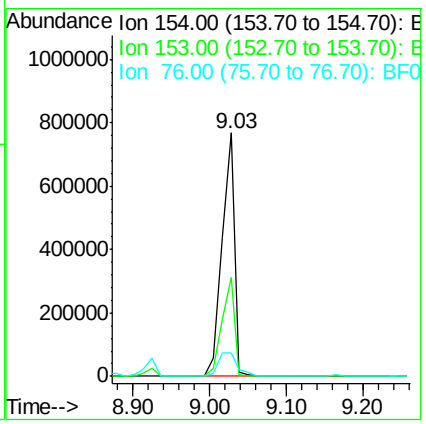


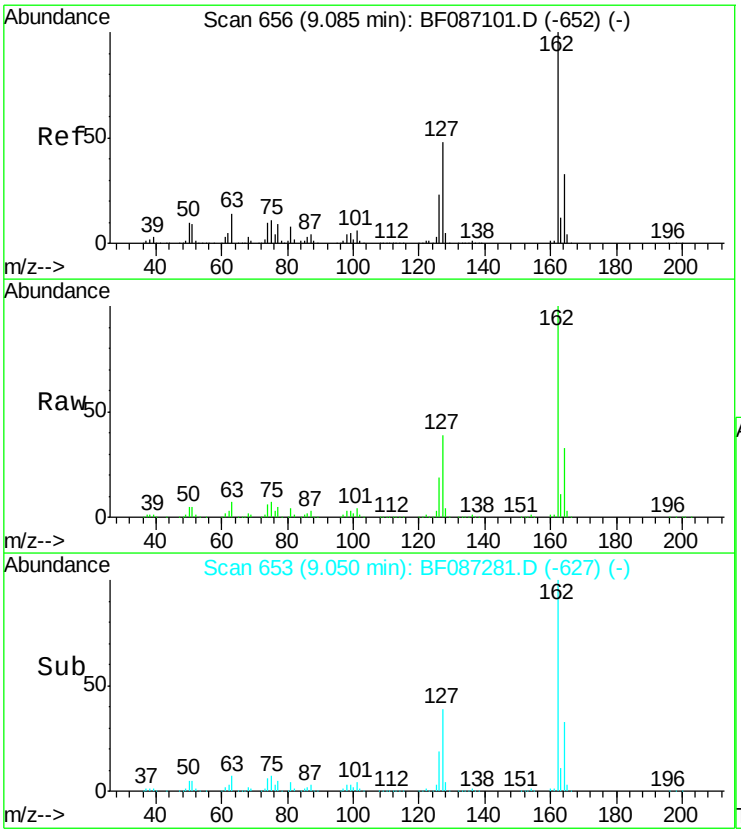
#45
1,1'-Biphenyl
Concen: 42.87 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:154 Resp: 883530

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	9.5	0.0	30.2

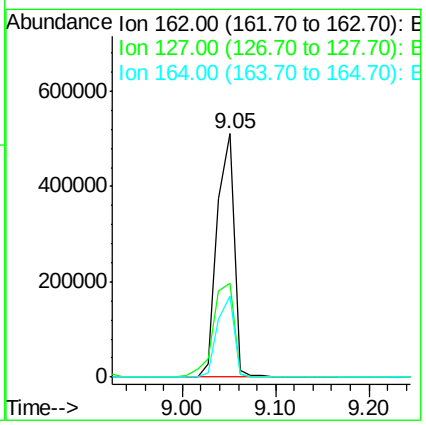


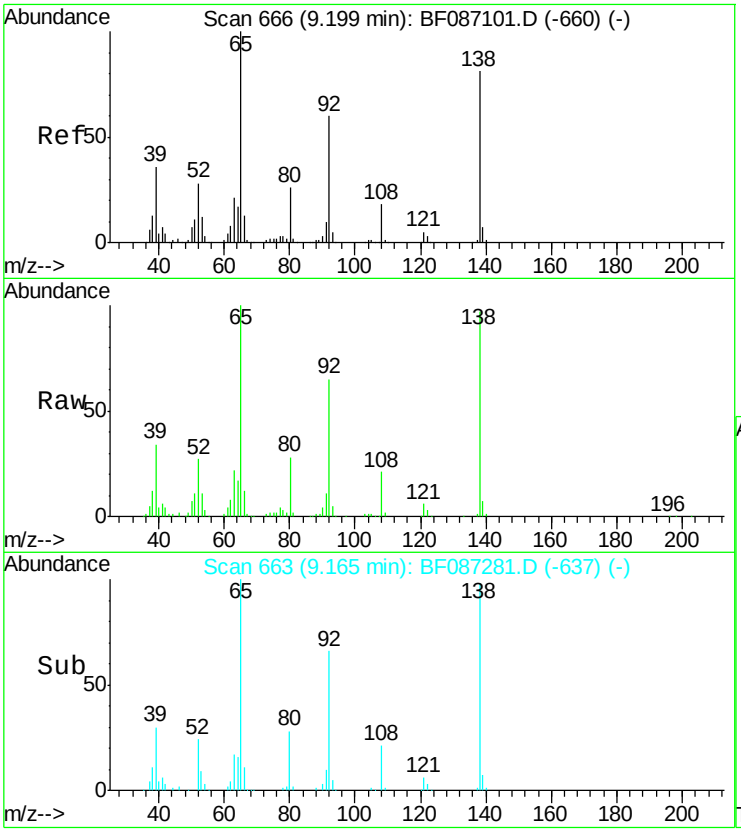


#46
2-Chloronaphthalene
Concen: 40.66 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:162 Resp: 643313

Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.8	47.6
164	33.4	27.0	40.6



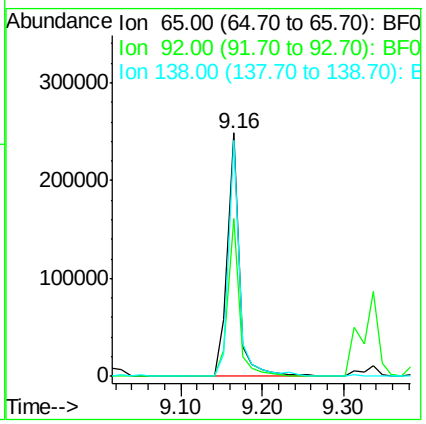


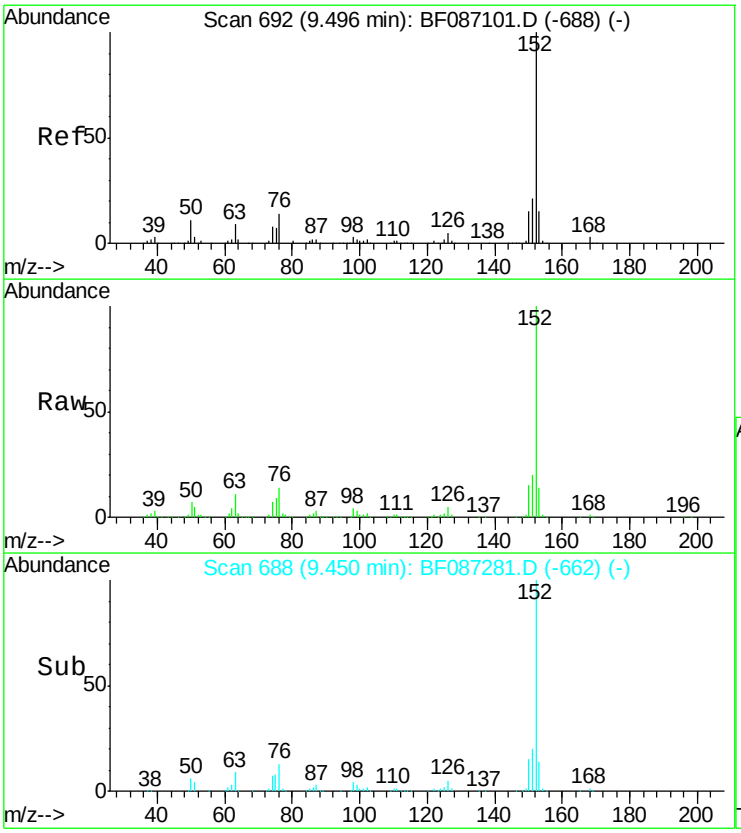
#47
2-Nitroaniline
Concen: 41.92 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion: 65 Resp: 254205

Ion	Ratio	Lower	Upper
65	100		
92	64.9	57.4	86.2
138	96.7	90.1	135.1

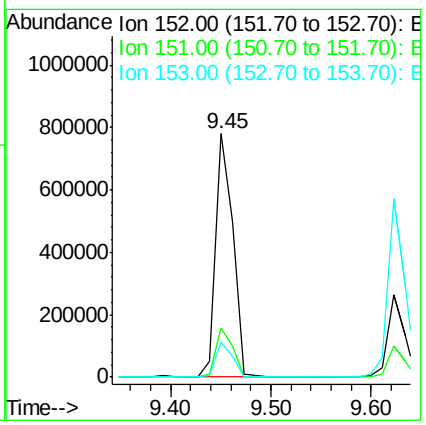


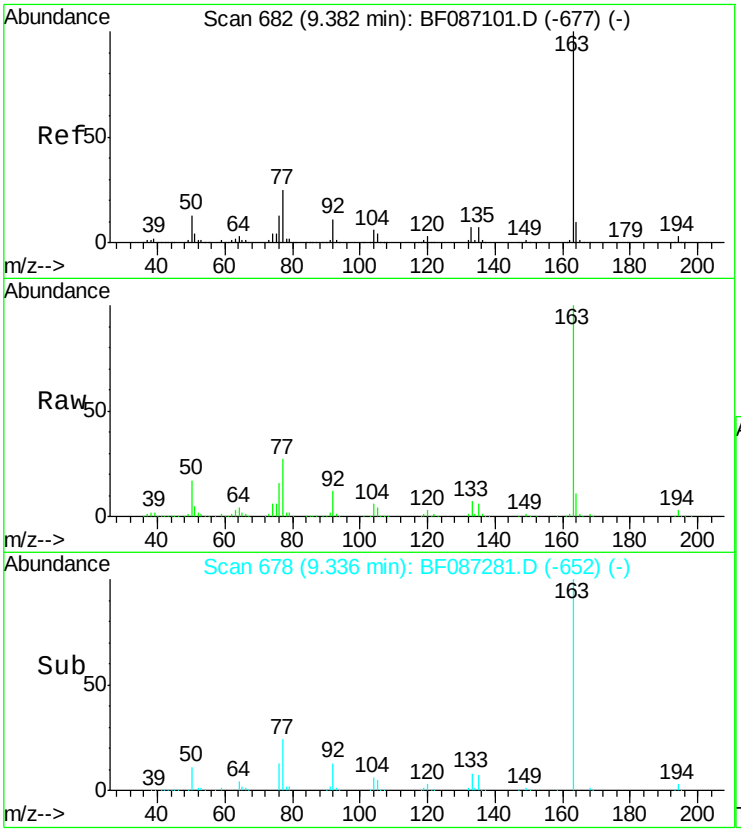


#48
Acenaphthylene
Concen: 38.23 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:152 Resp: 923690

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.5	10.9	16.3



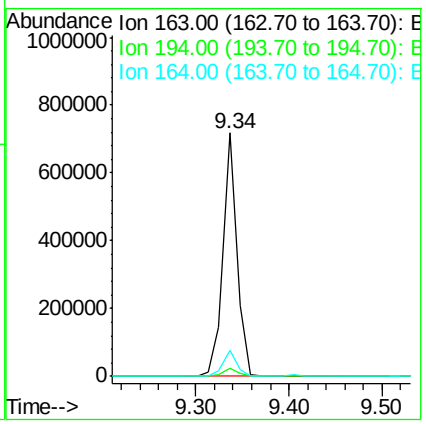


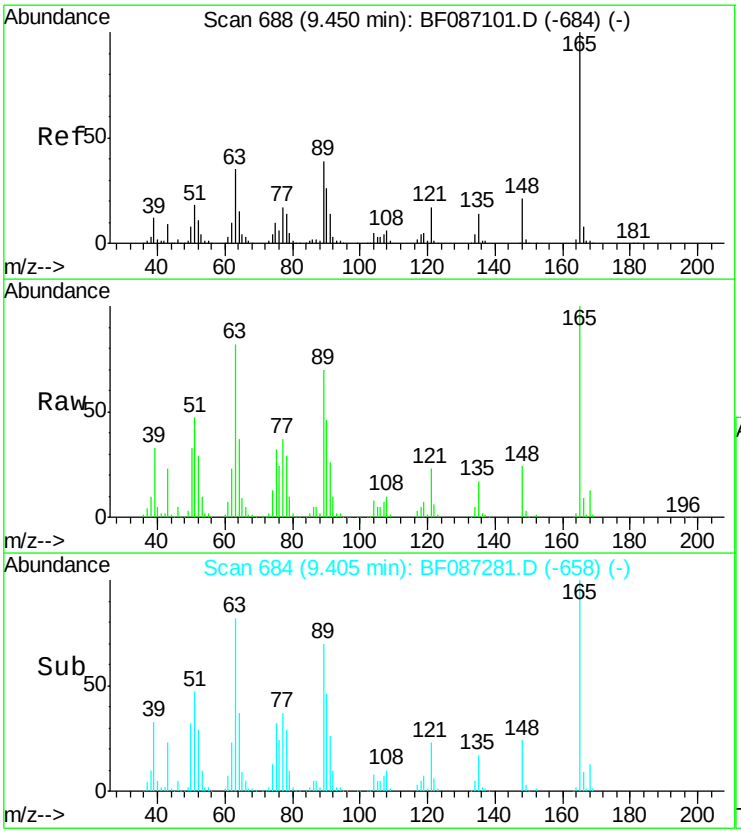
#49
Dimethylphthalate
Concen: 39.53 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:163 Resp: 749481

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.5	8.2	12.4

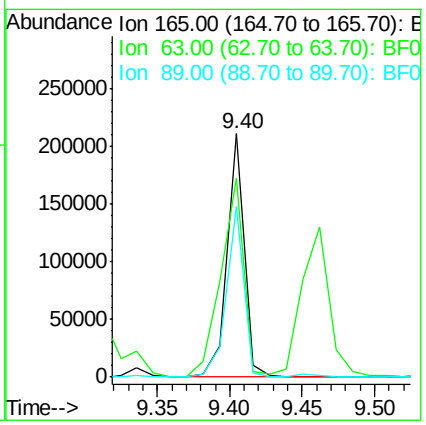


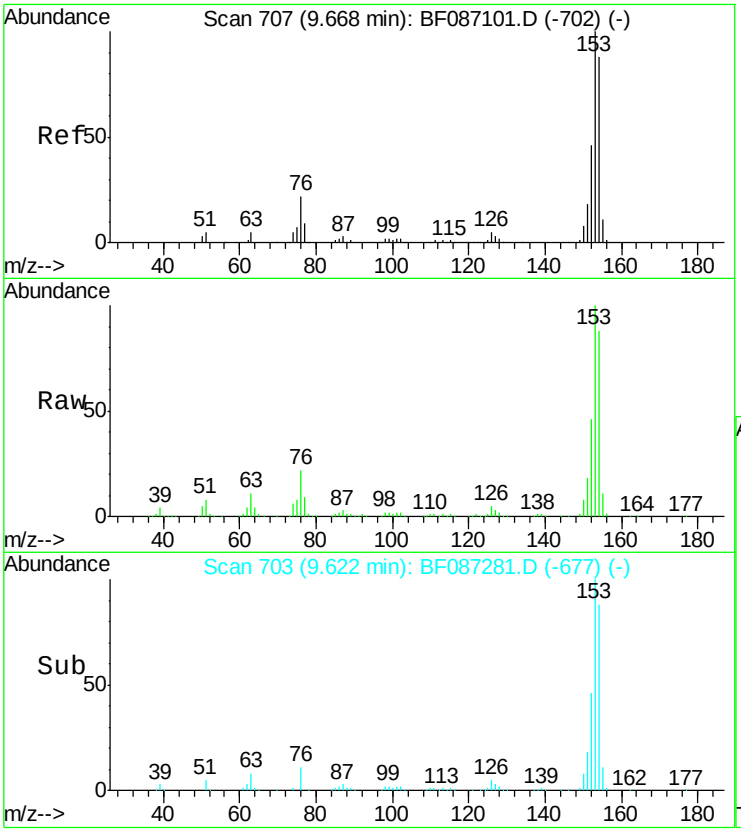


#50
2,6-Dinitrotoluene
Concen: 42.18 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:165 Resp: 173685

Ion	Ratio	Lower	Upper
165	100		
63	81.8	51.8	77.8#
89	70.1	50.7	76.1



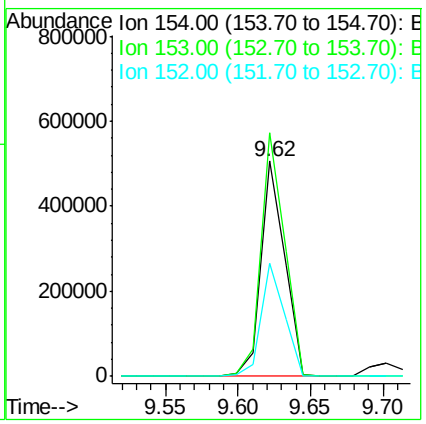


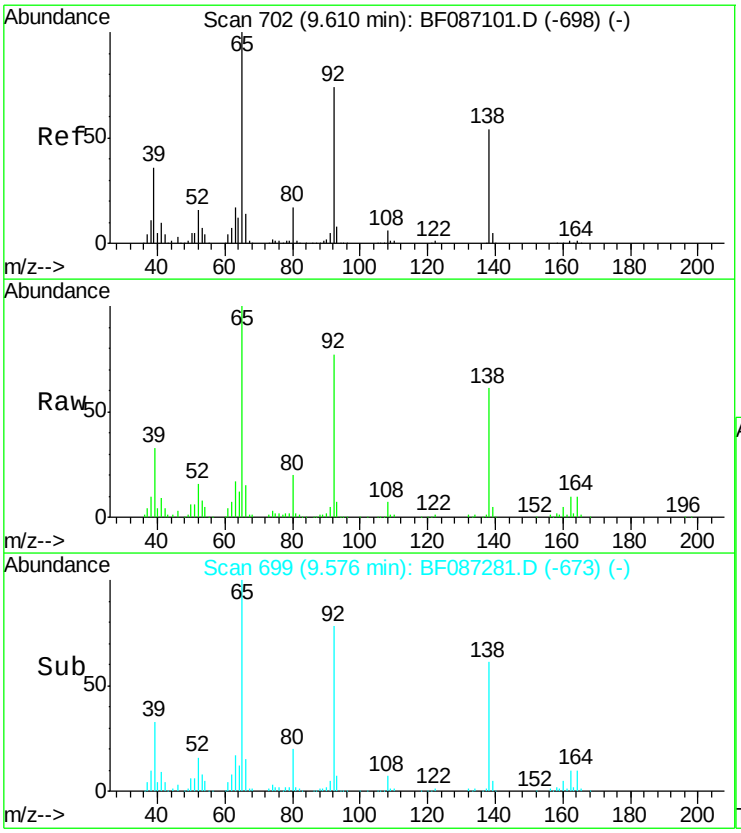
#51
Acenaphthene
Concen: 37.93 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:154 Resp: 572596

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.8	134.6
152	52.3	43.4	65.0

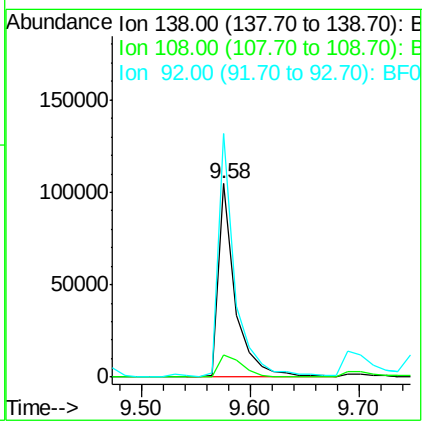


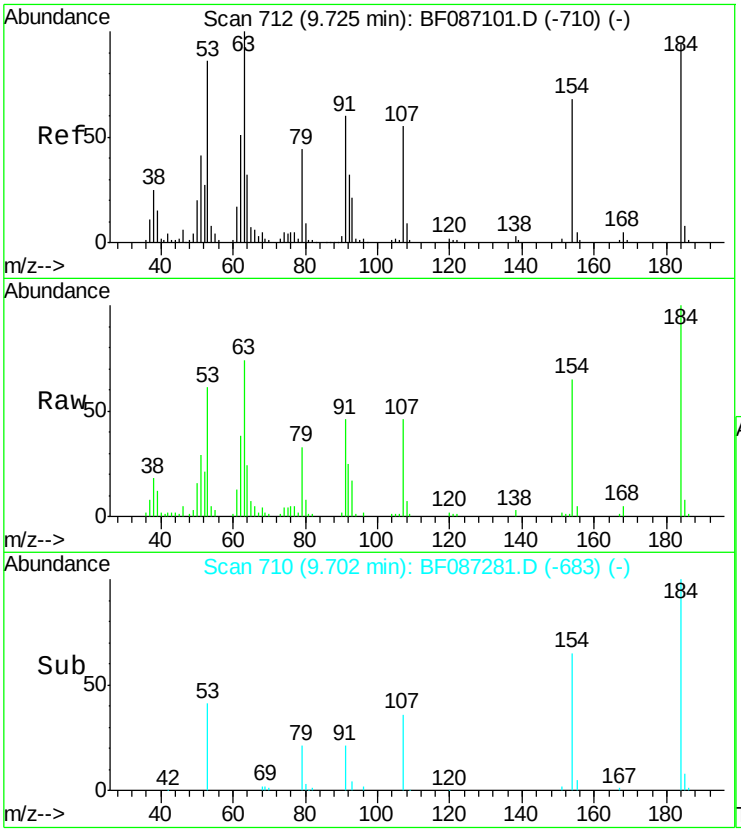


#52
3-Nitroaniline
Concen: 25.73 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:138 Resp: 114691

Ion	Ratio	Lower	Upper
138	100		
108	11.5	7.8	11.6
92	126.0	87.8	131.8



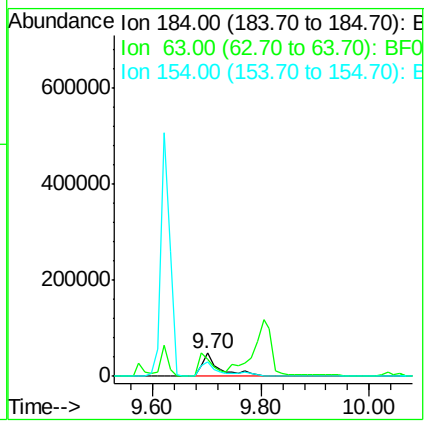


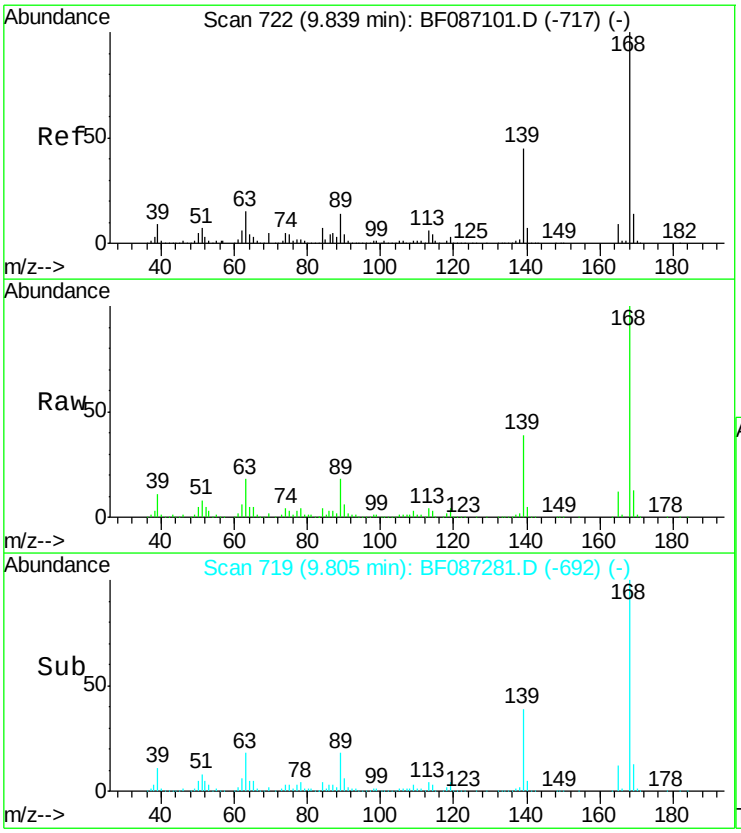
#53
2,4-Dinitrophenol
Concen: 50.53 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:184 Resp: 114827

Ion	Ratio	Lower	Upper
184	100		
63	74.2	55.8	83.8
154	64.7	62.4	93.6

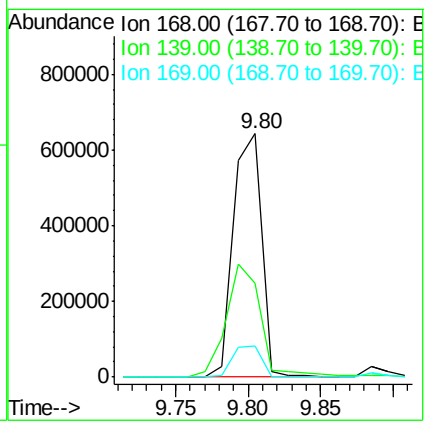


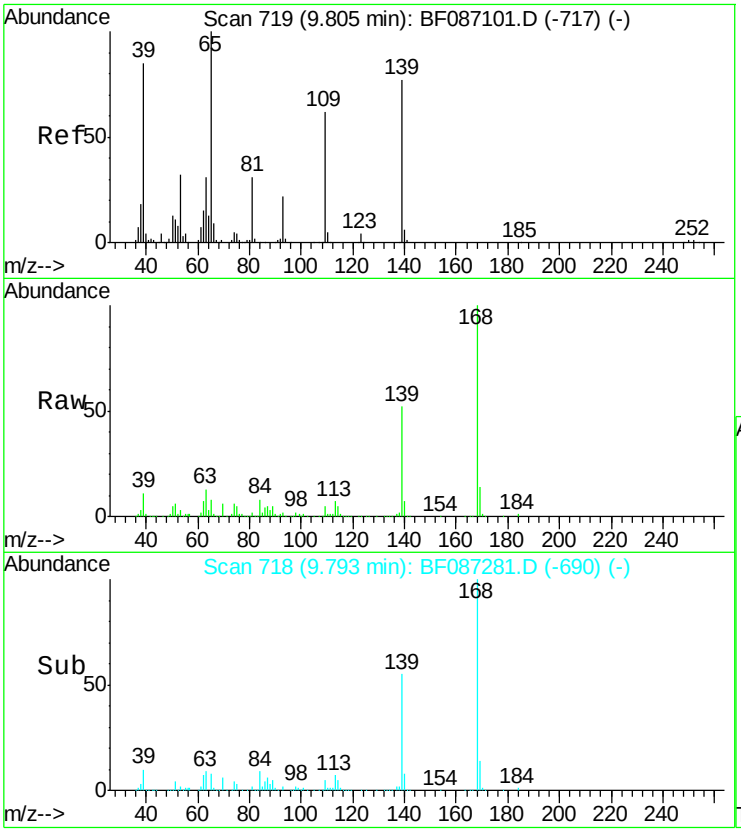


#54
Dibenzofuran
Concen: 44.59 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:168 Resp: 870449

Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.4	47.0
169	12.8	10.7	16.1



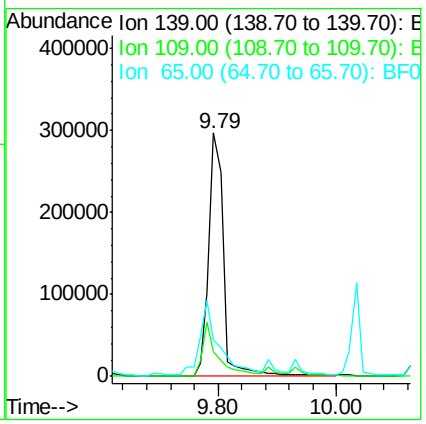


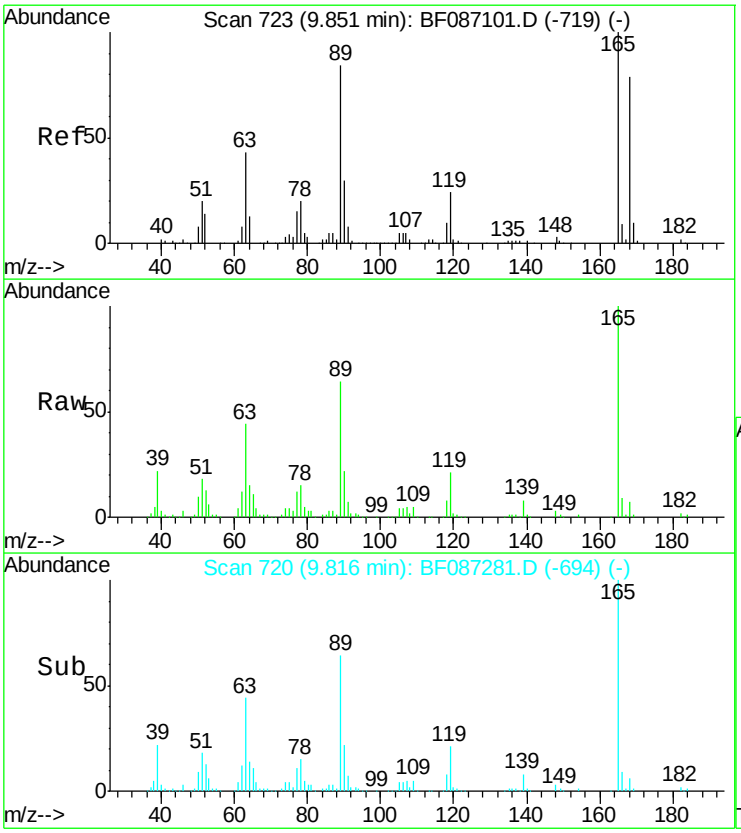
#55
4-Nitrophenol
Concen: 117.20 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.02 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:139 Resp: 512901

Ion	Ratio	Lower	Upper
139	100		
109	9.9	36.9	76.9#
65	15.1	64.0	104.0#

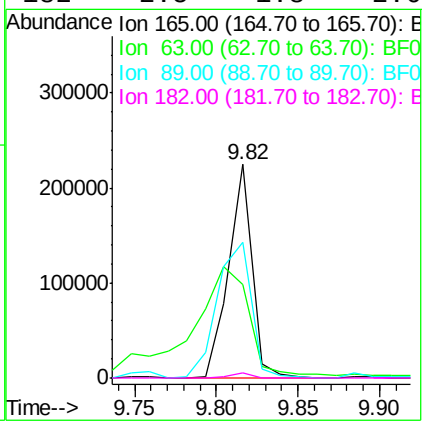


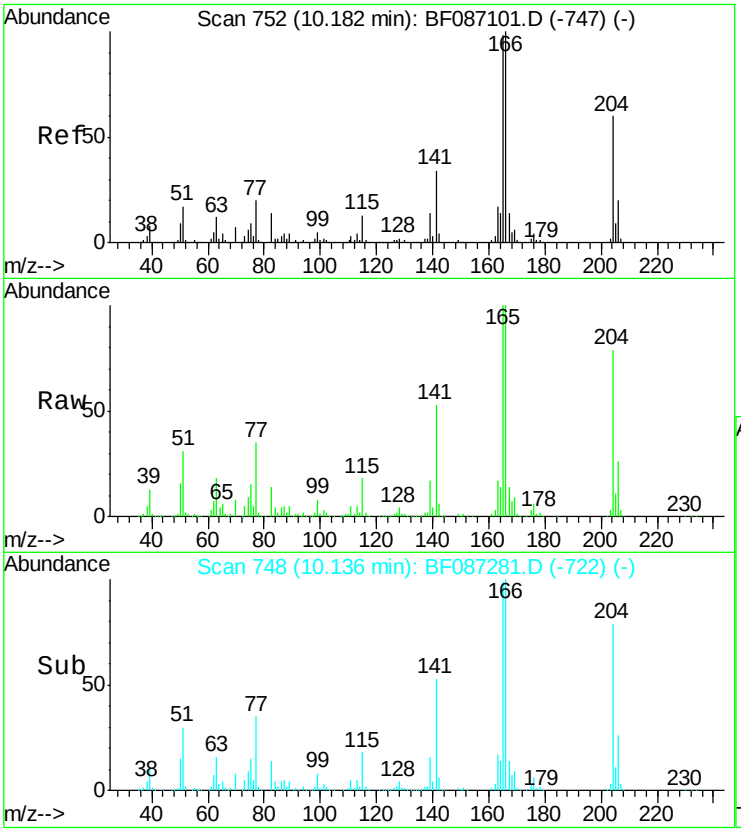


#56
2,4-Dinitrotoluene
Concen: 42.40 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:165 Resp: 223584

Ion	Ratio	Lower	Upper
165	100		
63	43.9	44.3	66.5#
89	63.6	70.0	105.0#
182	2.5	1.8	2.6



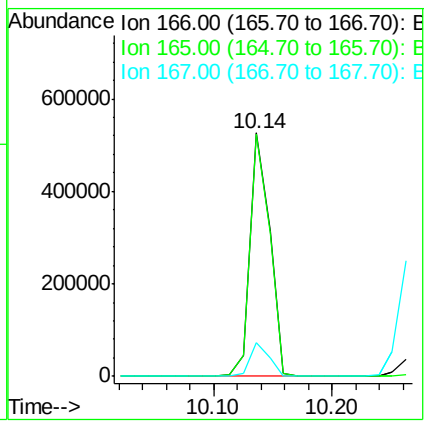


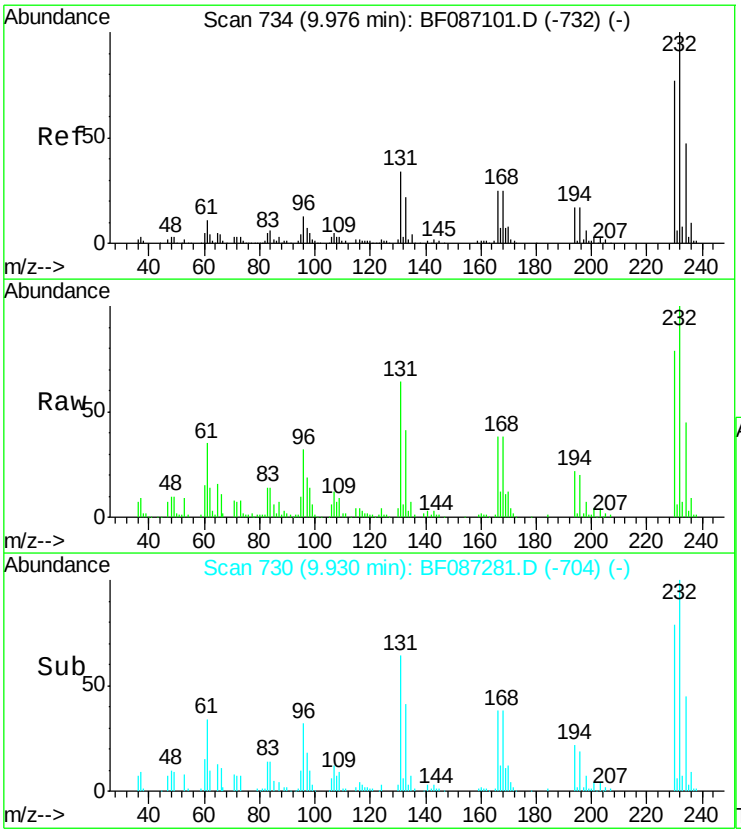
#57
Fluorene
Concen: 39.23 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:166 Resp: 615155

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.9	10.6	15.8

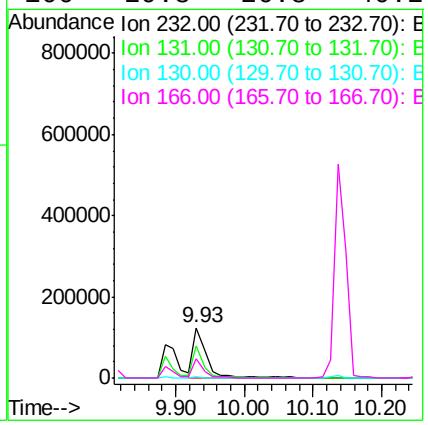


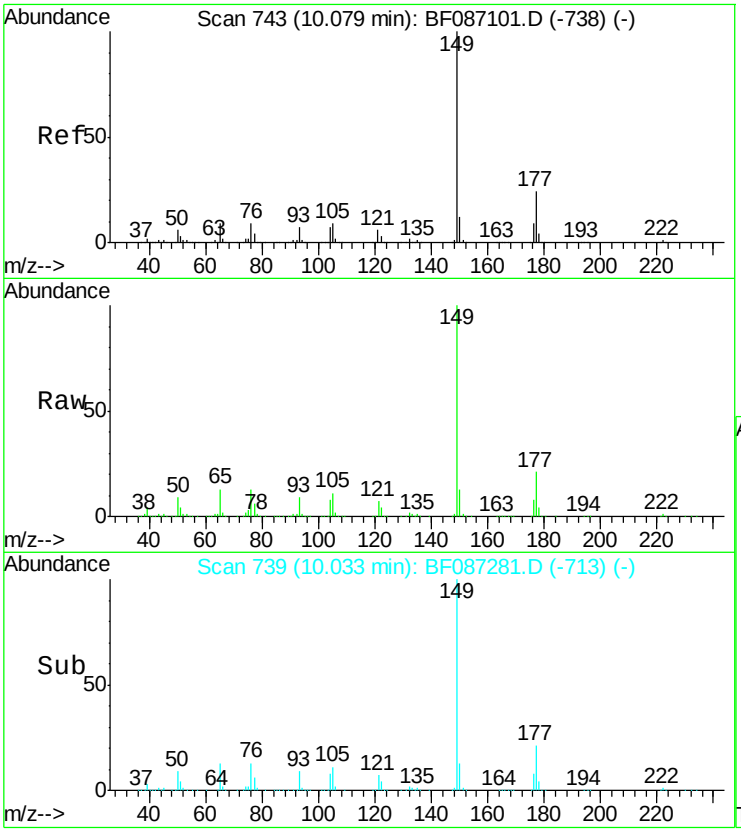


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.09 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:232 Resp: 164131

Ion	Ratio	Lower	Upper
232	100		
131	50.7	41.9	62.9
130	3.0	2.2	3.4
166	29.8	26.8	40.2



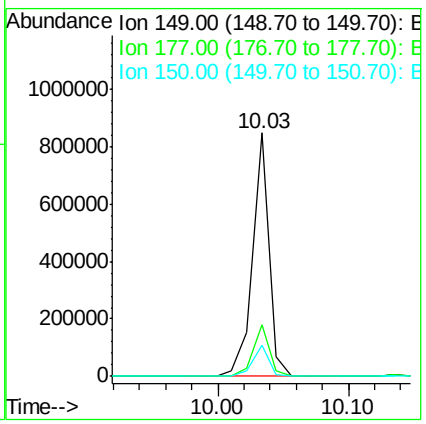


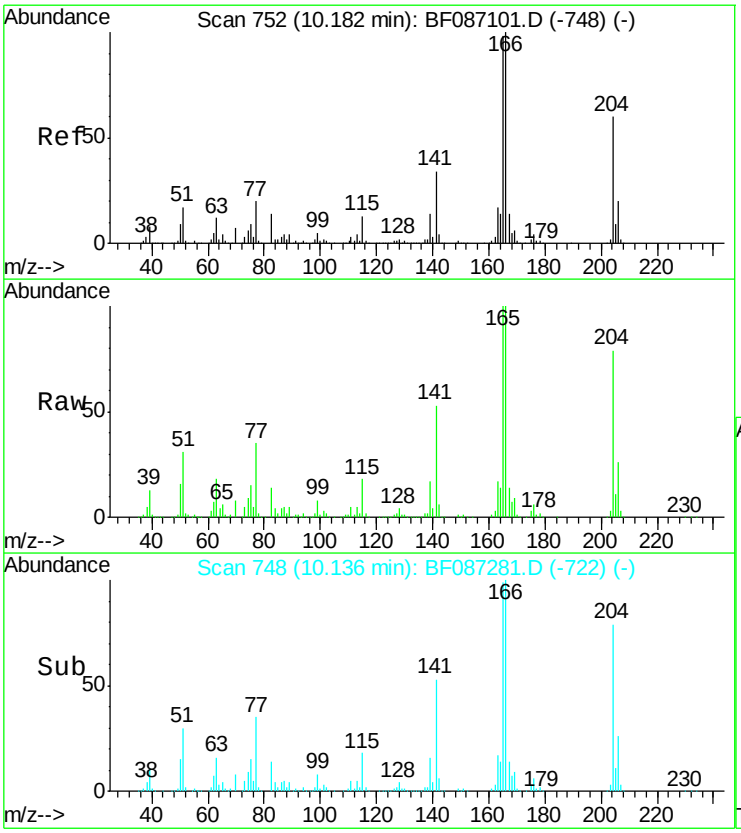
#59
Diethylphthalate
Concen: 41.40 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Instrument :
BNA_F
ClientSampleId :
PB90743BS

Tgt Ion:149 Resp: 749478

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.6	24.8
150	12.8	10.0	15.0





#60
4-Chlorophenyl-phenylether
Concen: 45.71 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF087281.D
Acq: 22 May 2016 10:31

Tgt Ion:204 Resp: 339803

Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.4	38.0
141	66.9	61.6	92.4