Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
Data File : BF091354.D
Acq On : 30 Nov 2016 15:10
Operator : UM/SJ
Sample : H5760-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-MM4-6MSD

Quant Time: Dec 01 00:13:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	192858	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	762652	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	431864	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	694799	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	415674	20.00	ng		-0.02
86) Perylene-d12	15.44	264	414558	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1361341	115.31	ng		0.02
7) Phenol-d6	6.50	99	1728059	118.91	ng		0.00
23) Nitrobenzene-d5	7.43	82	1205979	88.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	575461	140.75	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2415921	101.29	ng		0.00
78) Terphenyl-d14	12.97	244	2095551	109.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	211096	39.53	ng	#	69
3) Pyridine	3.36	79	555388	36.75	ng		88
4) n-Nitrosodimethylamine	3.30	42	371351	46.83	ng		95
6) Aniline	6.53	93	206599	10.70	ng	#	78
8) 2-Chlorophenol	6.65	128	587558	45.39	ng		85
9) Benzaldehyde	6.41	77	73473	7.86	ng		82
10) Phenol	6.52	94	768867	44.96	ng		93
11) bis(2-Chloroethyl)ether	6.61	93	668104	54.68	ng		99
12) 1,3-Dichlorobenzene	7.04	146	605386	42.05	ng		96
13) 1,4-Dichlorobenzene	6.88	146	599284	41.84	ng		96
14) 1,2-Dichlorobenzene	7.04	146	605407	45.38	ng		93
15) Benzyl Alcohol	7.01	79	523420	45.01	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1225316	46.64	ng		72
17) 2-Methylphenol	7.12	107	466335	45.58	ng	#	76
18) Hexachloroethane	7.38	117	235070	46.23	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	465311	50.82	ng	#	85
20) 3+4-Methylphenols	7.28	107	584081	46.76	ng	#	53
22) Acetophenone	7.28	105	817591	45.23	ng	#	85
24) Nitrobenzene	7.45	77	715031	51.32	ng	#	82
25) Isophorone	7.69	82	1235855	51.26	ng		99
26) 2-Nitrophenol	7.76	139	294722	46.42	ng		97
27) 2,4-Dimethylphenol	7.81	122	555071	46.73	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	721776	49.74	ng		100
29) 2,4-Dichlorophenol	8.01	162	514529	49.24	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	568606	48.54	ng		98
31) Naphthalene	8.17	128	1702607	46.97	ng		100
32) Benzoic acid	7.93	122	354352	40.47	ng		87
33) 4-Chloroaniline	8.23	127	60062	3.88	ng		96
34) Hexachlorobutadiene	8.30	225	337163	46.81	ng		98
35) Caprolactam	8.60	113	95121	31.67	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	560978	49.73	ng		90
37) 2-Methylnaphthalene	8.87	142	1205653	48.96	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	512463	42.09	ng		99
40) Hexachlorocyclopentadiene	9.02	237	528673	93.68	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
Data File : BF091354.D
Acq On : 30 Nov 2016 15:10
Operator : UM/SJ
Sample : H5760-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-MM4-6MSD

Quant Time: Dec 01 00:13:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	415913	52.56	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	355628	44.85	ng		94
45) 1,1'-Biphenyl	9.33	154	1331870	42.89	ng		97
46) 2-Chloronaphthalene	9.35	162	1032078	44.63	ng		99
47) 2-Nitroaniline	9.44	65	362370	43.63	ng	#	75
48) Acenaphthylene	9.77	152	1743913	47.90	ng		99
49) Dimethylphthalate	9.64	163	1279844	48.94	ng		97
50) 2,6-Dinitrotoluene	9.69	165	326935	55.94	ng	#	79
51) Acenaphthene	9.94	154	1205023	49.07	ng		95
52) 3-Nitroaniline	9.85	138	72999	10.79	ng		96
53) 2,4-Dinitrophenol	9.96	184	165717	64.84	ng	#	69
54) Dibenzofuran	10.12	168	1653506	50.29	ng		93
55) 4-Nitrophenol	10.02	139	477502	97.73	ng	#	81
56) 2,4-Dinitrotoluene	10.09	165	370539	48.87	ng	#	65
57) Fluorene	10.46	166	1256910	49.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	354354	52.33	ng		95
59) Diethylphthalate	10.33	149	1204792	46.67	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	562502	44.43	ng	#	90
61) 4-Nitroaniline	10.47	138	234724	36.95	ng		88
62) Azobenzene	10.61	77	1399319	53.13	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	153313	40.05	ng	#	31
65) n-Nitrosodiphenylamine	10.56	169	1038499	49.30	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	410325	54.94	ng	#	82
67) Hexachlorobenzene	11.00	284	386230	47.86	ng	#	76
68) Atrazine	11.10	200	373770	54.78	ng		92
69) Pentachlorophenol	11.19	266	402067	84.63	ng		95
70) Phenanthrene	11.41	178	1746297	48.37	ng		99
71) Anthracene	11.46	178	1838716	51.32	ng		100
72) Carbazole	11.61	167	1417178	43.59	ng		99
73) Di-n-butylphthalate	11.96	149	2006777	54.46	ng		99
74) Fluoranthene	12.60	202	1758740	51.43	ng		99
76) Benzidine	12.71	184	187533	15.37	ng		98
77) Pyrene	12.83	202	1805600	57.24	ng		99
79) Butylbenzylphthalate	13.44	149	718295	60.81	ng		86
80) Benzo(a)anthracene	14.00	228	1276760	52.52	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	198918	23.23	ng	#	98
82) Chrysene	14.05	228	1367568	56.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	976104	65.19	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1487152	65.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1359609	61.72	ng		95
87) Benzo(b)fluoranthene	15.07	252	2377579	92.27	ng		98
88) Benzo(k)fluoranthene	15.07	252	2378565	109.77	ng	#	97
89) Benzo(a)pyrene	15.39	252	1162036	50.22	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	1128155	52.71	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	1133547	51.37	ng		98

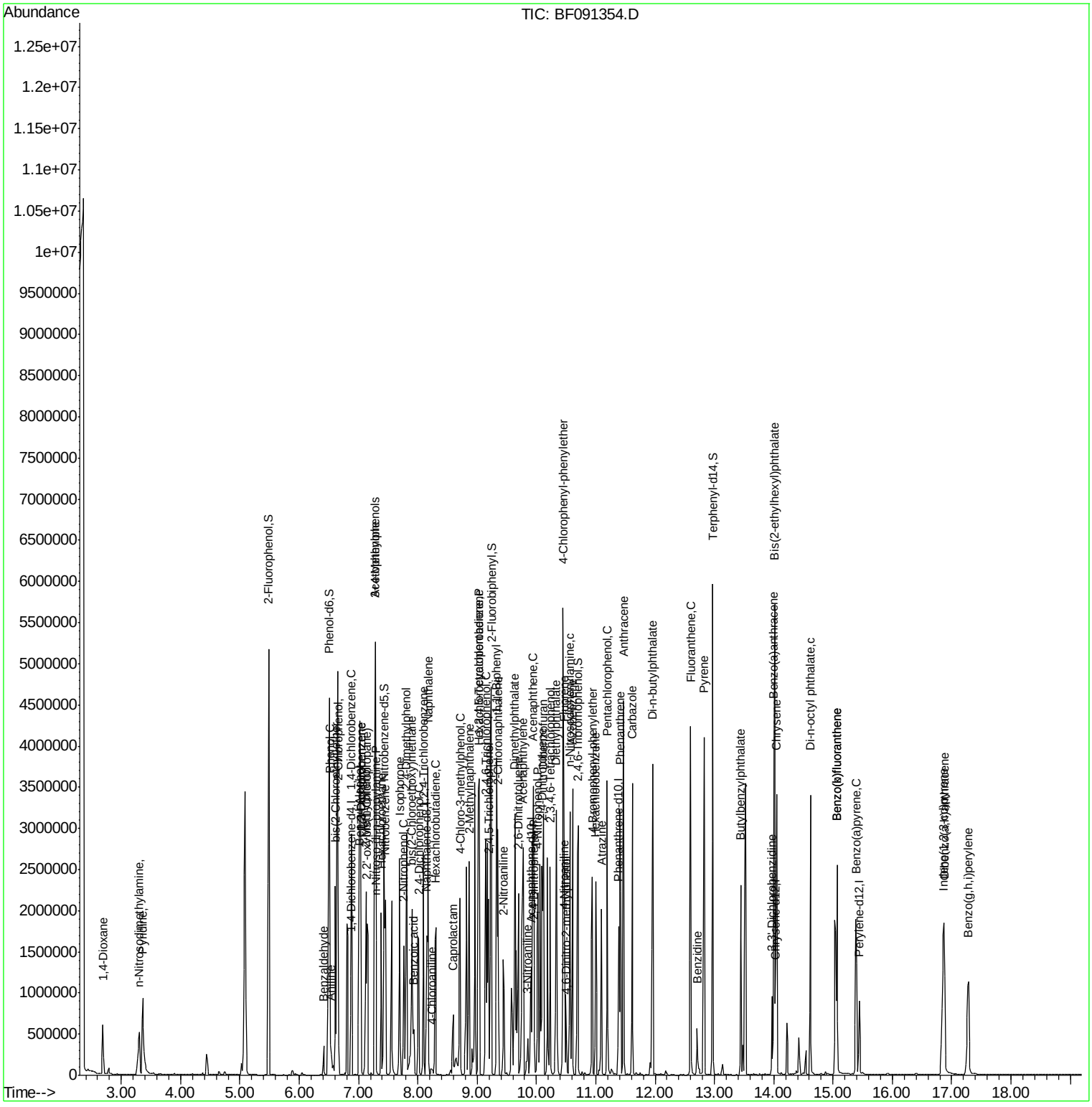
(#) = qualifier out of range (m) = manual integration (+) = signals summed

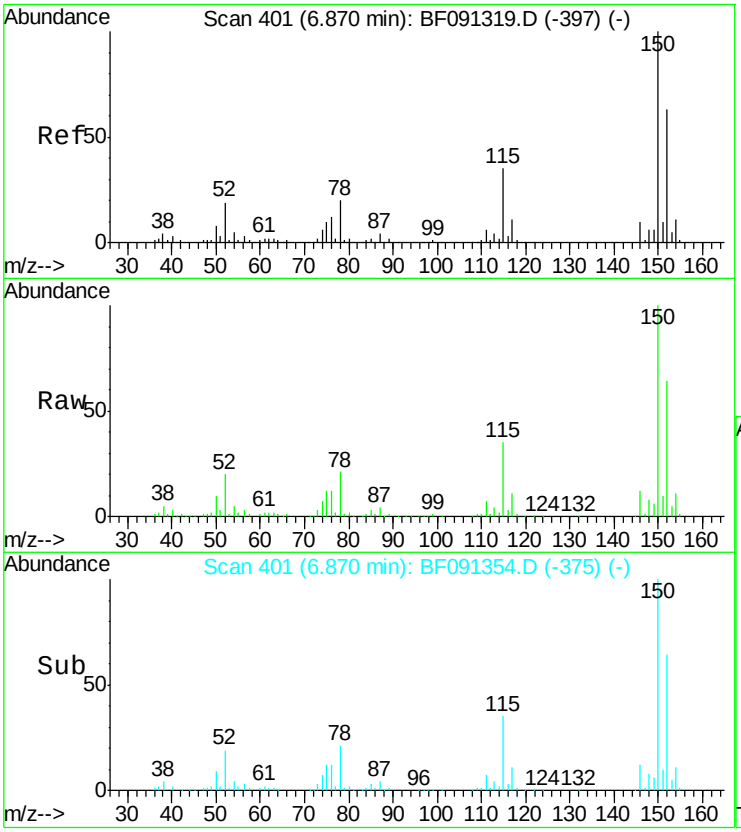
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
Data File : BF091354.D
Acq On : 30 Nov 2016 15:10
Operator : UM/SJ
Sample : H5760-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Quant Time: Dec 01 00:13:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



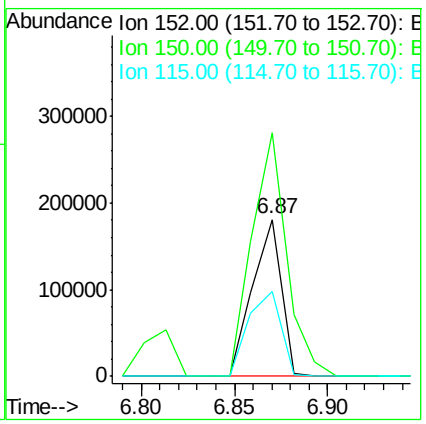


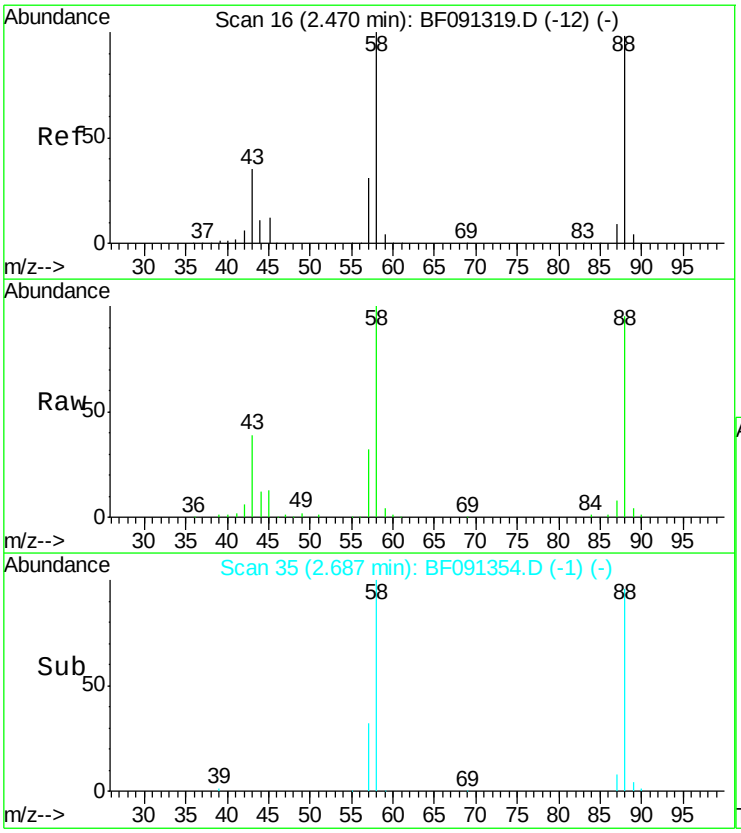
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:152 Resp: 192858

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.5	183.7
115	54.2	51.8	77.8

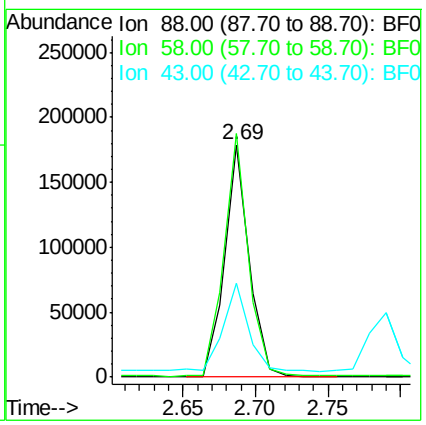


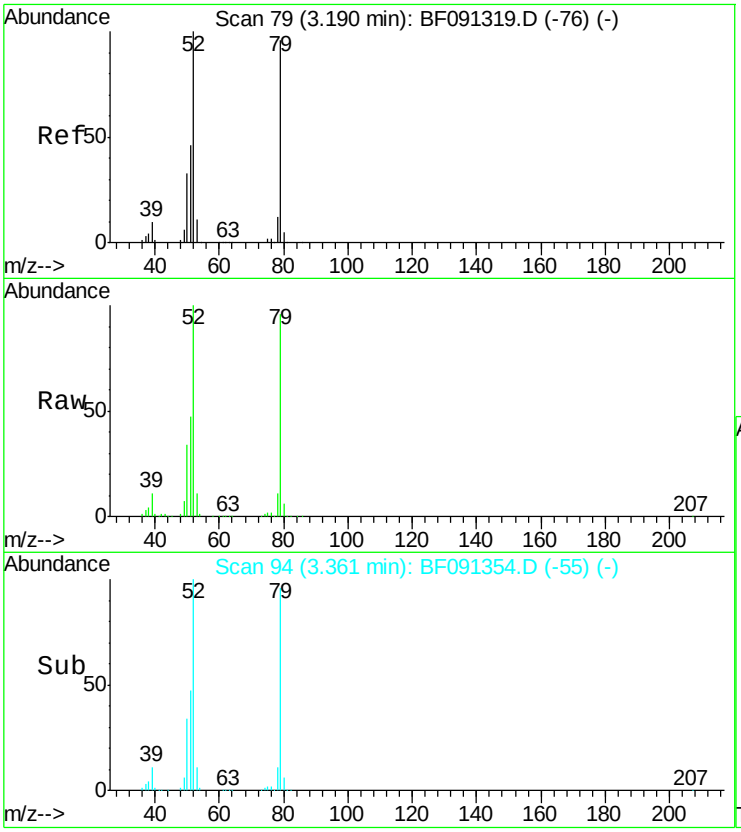


#2
1,4-Dioxane
Concen: 39.53 ng
RT: 2.69 min Scan# 35
Delta R.T. 0.19 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 88 Resp: 211096

Ion	Ratio	Lower	Upper
88	100		
58	102.7	70.3	105.5
43	0.0	31.3	46.9#



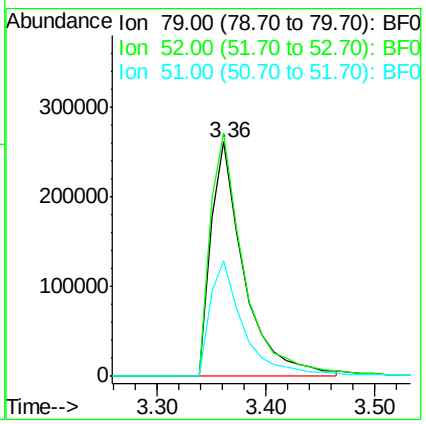


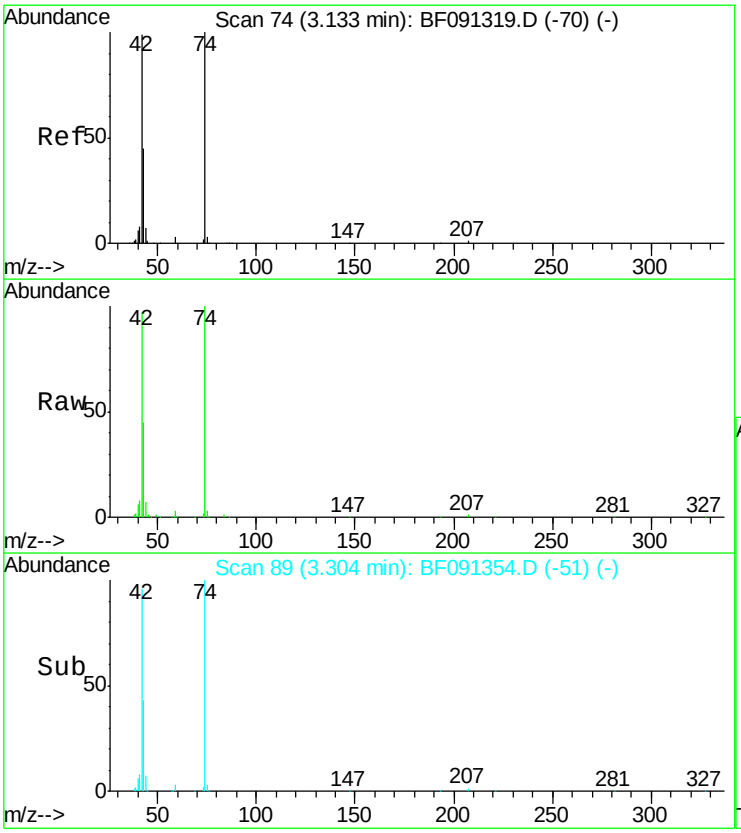
#3
Pyridine
Concen: 36.75 ng
RT: 3.36 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 79 Resp: 555388

Ion	Ratio	Lower	Upper
79	100		
52	103.9	71.0	106.4
51	49.2	37.0	55.4

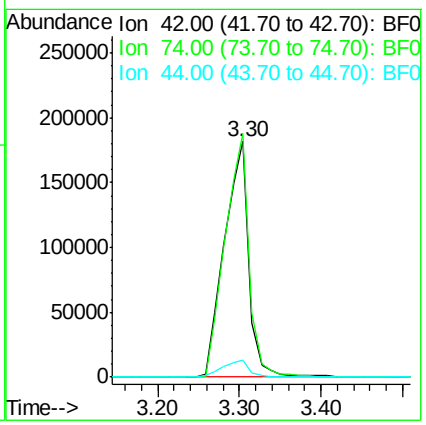


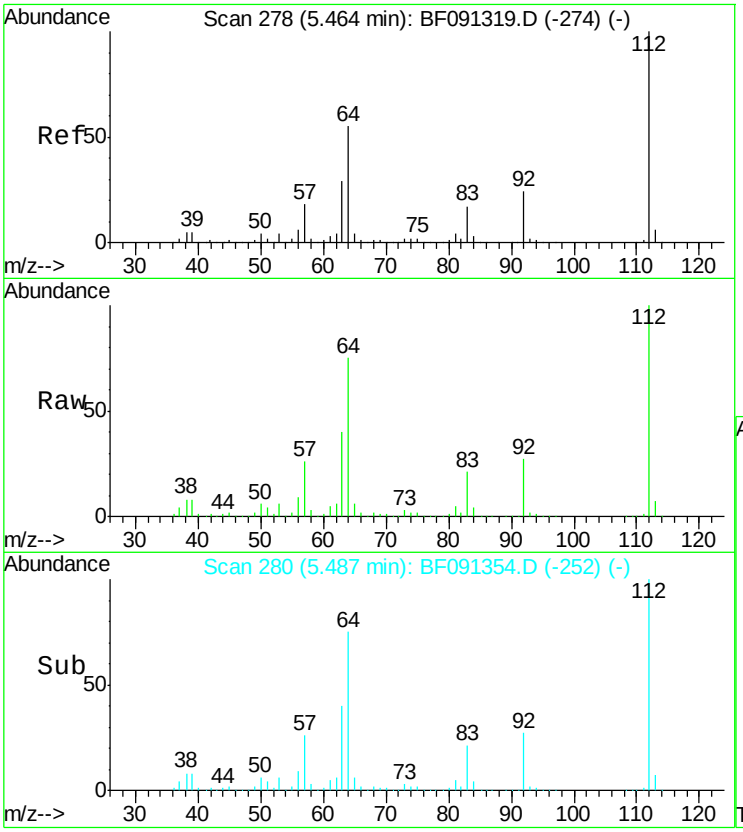


#4
n-Nitrosodimethylamine
Concen: 46.83 ng
RT: 3.30 min Scan# 89
Delta R.T. 0.13 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 42 Resp: 371351

Ion	Ratio	Lower	Upper
42	100		
74	103.4	78.9	118.3
44	7.4	5.8	8.6



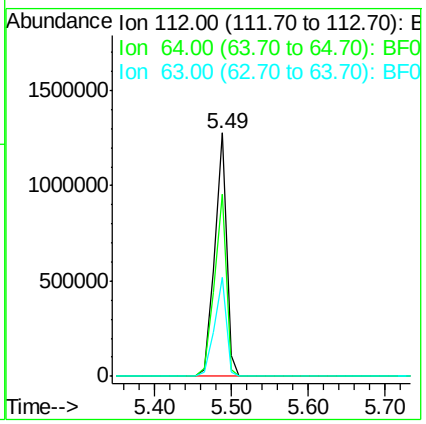


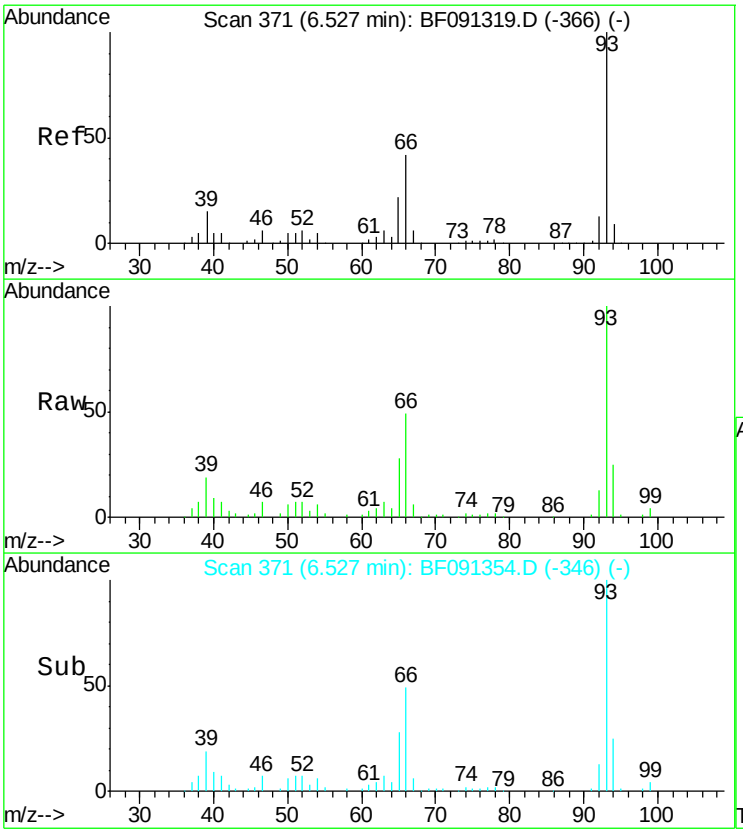
#5
2-Fluorophenol
Concen: 115.31 ng
RT: 5.49 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:112 Resp: 1361341

Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.5	92.3
63	40.4	33.3	49.9

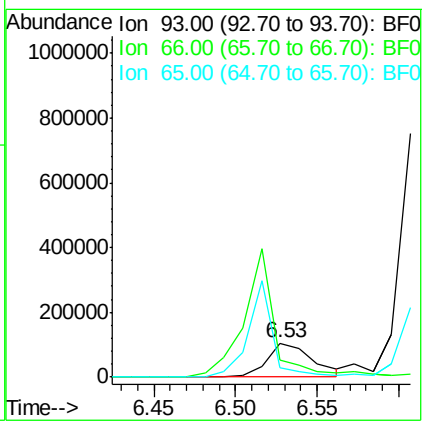


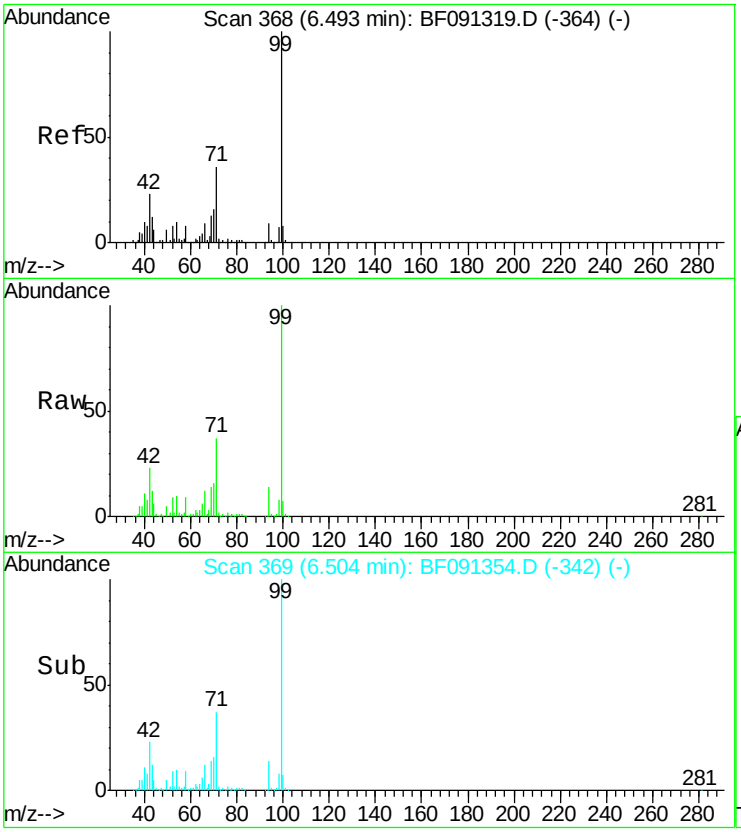


#6
Aniline
Concen: 10.70 ng
RT: 6.53 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 93 Resp: 206599

Ion	Ratio	Lower	Upper
93	100		
66	49.4	55.8	83.6#
65	27.7	29.9	44.9#



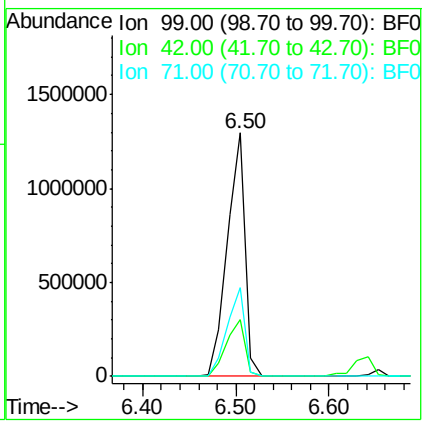


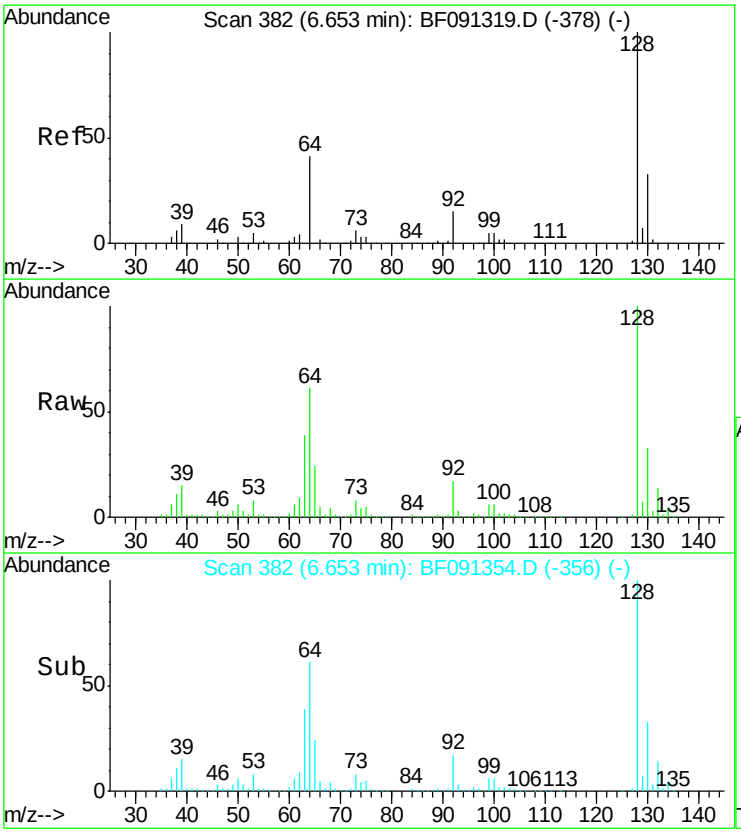
#7
Phenol-d6
Concen: 118.91 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 99 Resp: 1728059

Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.6	31.0
71	36.7	29.9	44.9

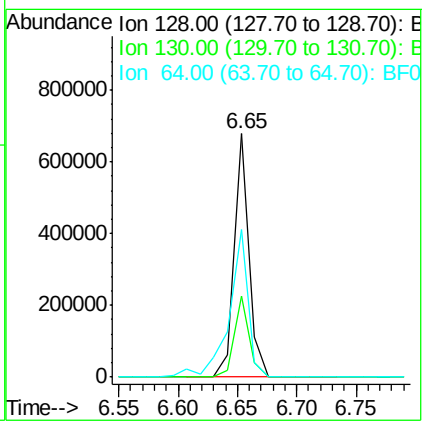


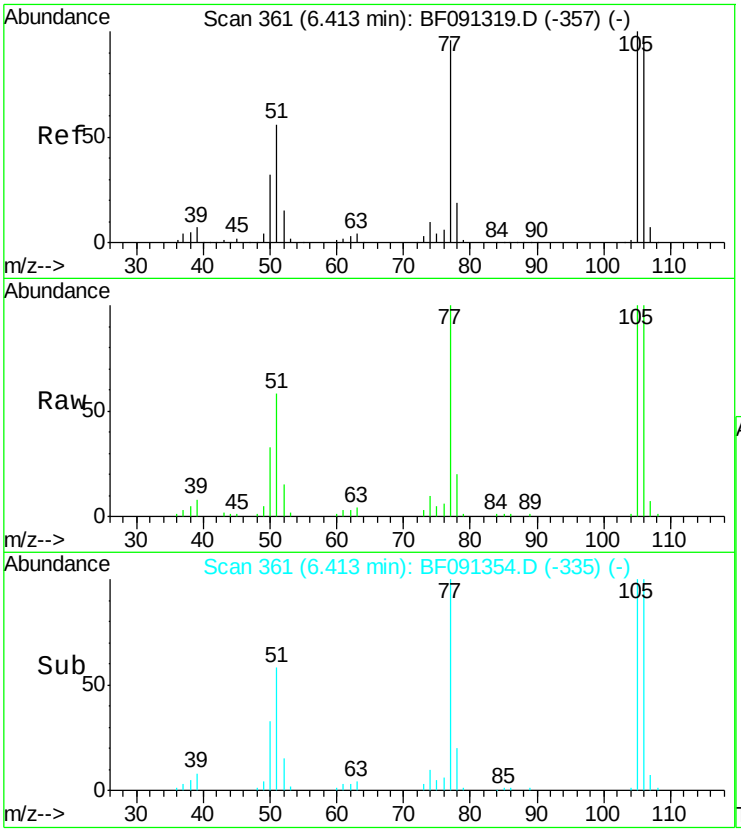


#8
2-Chlorophenol
Concen: 45.39 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:128 Resp: 587558

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	60.8	24.1	64.1



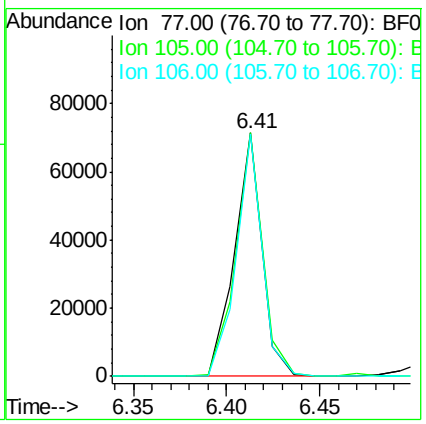


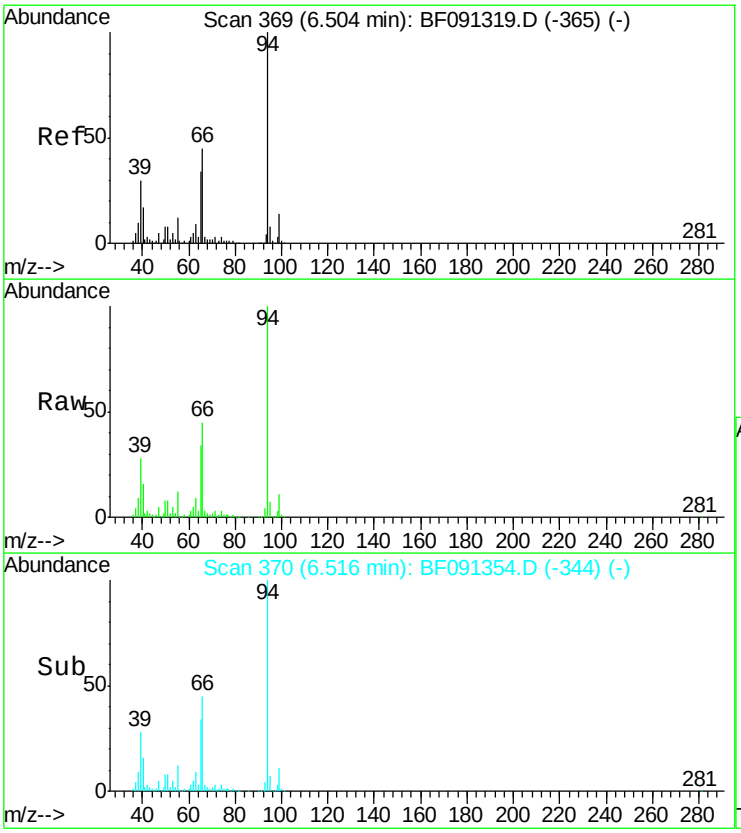
#9
Benzaldehyde
Concen: 7.86 ng
RT: 6.41 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 77 Resp: 73473

Ion	Ratio	Lower	Upper
77	100		
105	100.2	66.4	106.4
106	99.8	60.9	100.9

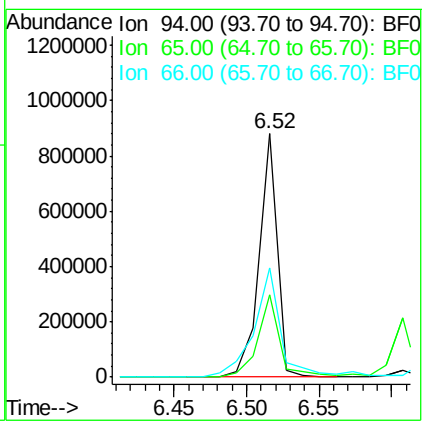


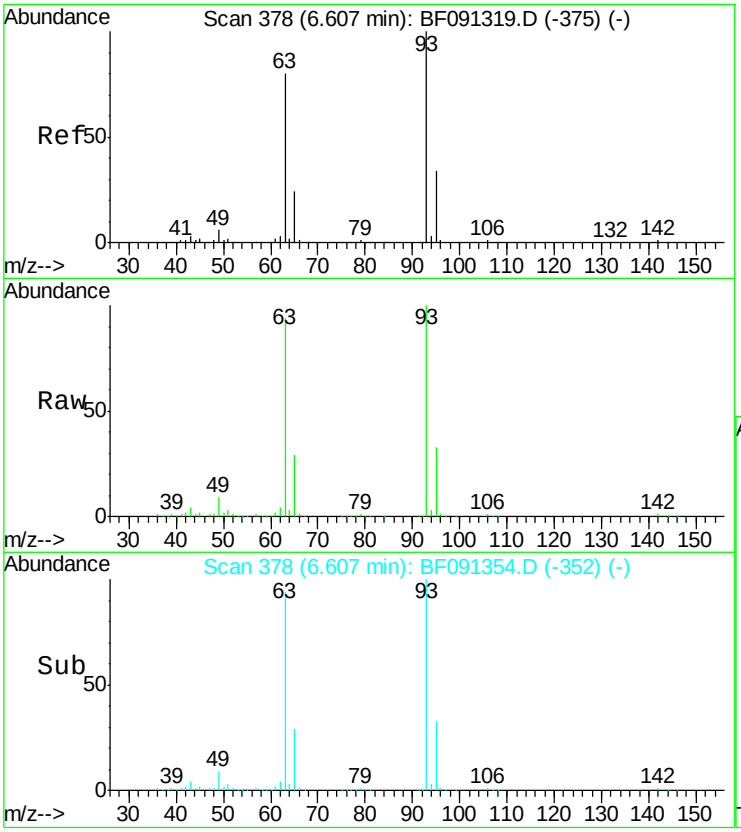


#10
Phenol
Concen: 44.96 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 94 Resp: 768867

Ion	Ratio	Lower	Upper
94	100		
65	33.7	16.9	56.9
66	45.0	30.6	70.6



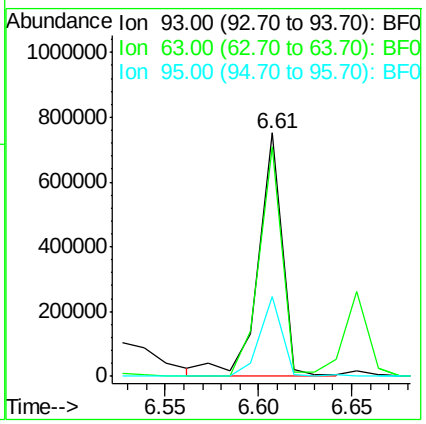


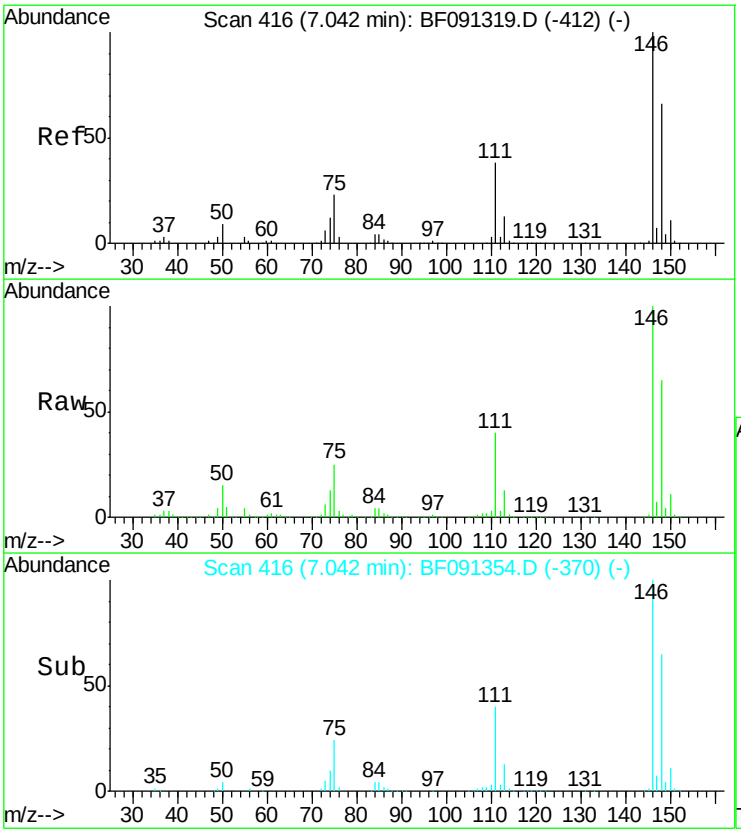
#11
bis(2-Chloroethyl)ether
Concen: 54.68 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 93 Resp: 668104

Ion	Ratio	Lower	Upper
93	100		
63	94.3	74.8	114.8
95	32.8	12.4	52.4

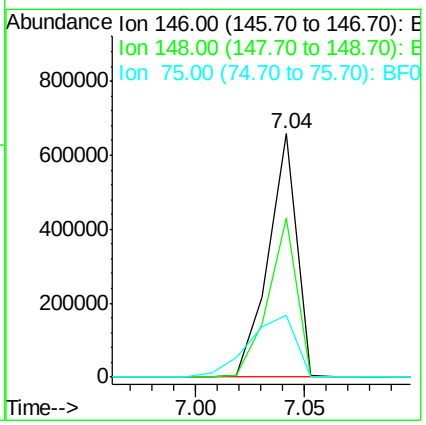


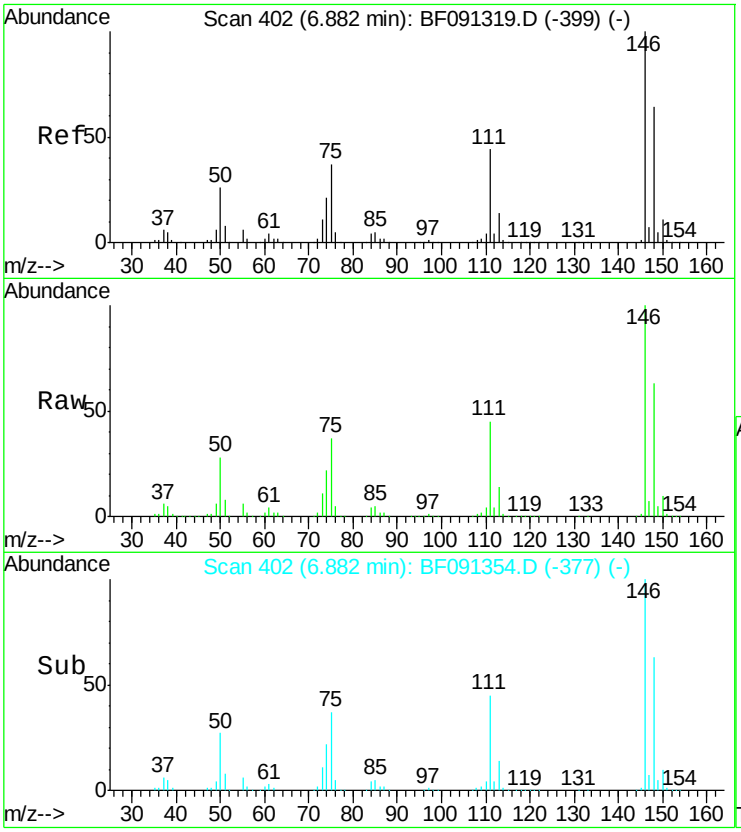


#12
1,3-Dichlorobenzene
Concen: 42.05 ng
RT: 7.04 min Scan# 416
Delta R.T. 0.22 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:146 Resp: 605386

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
75	25.2	23.6	35.4



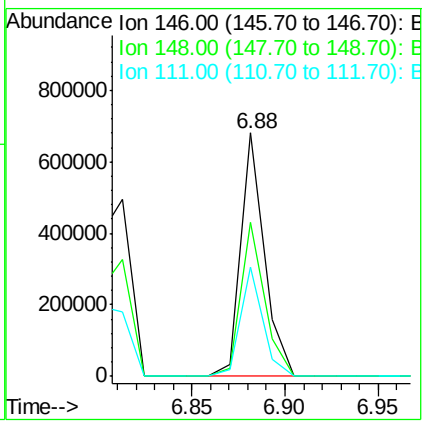


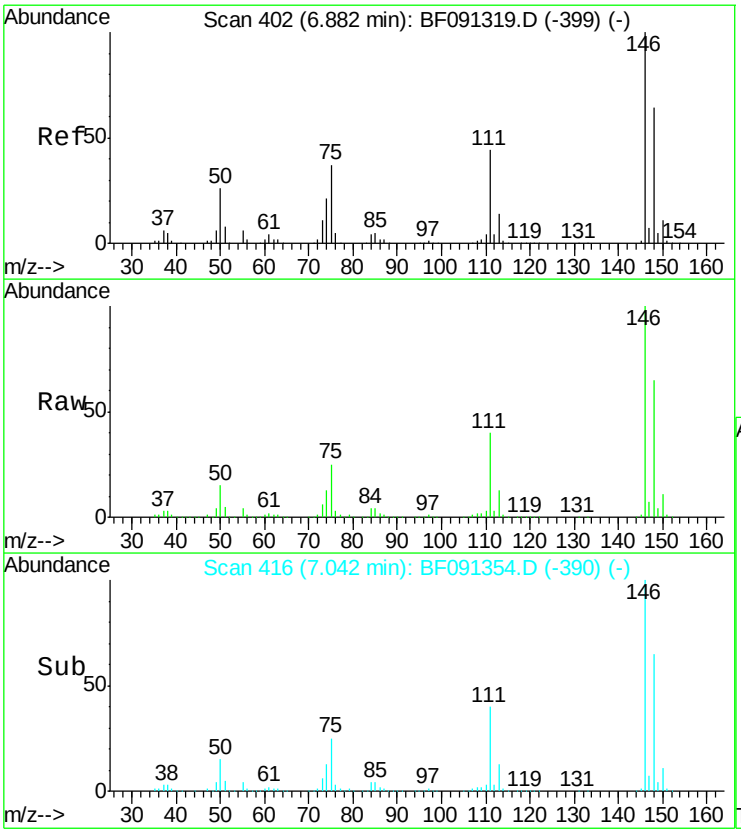
#13
1,4-Dichlorobenzene
Concen: 41.84 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:146 Resp: 599284

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	44.8	32.2	48.2

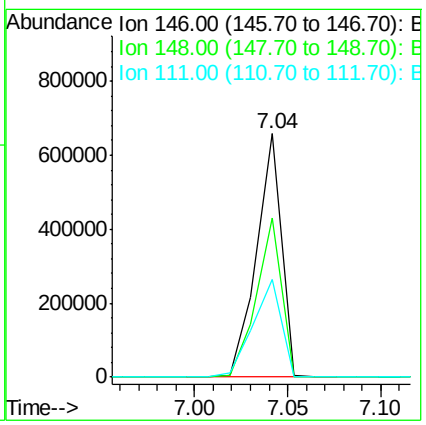


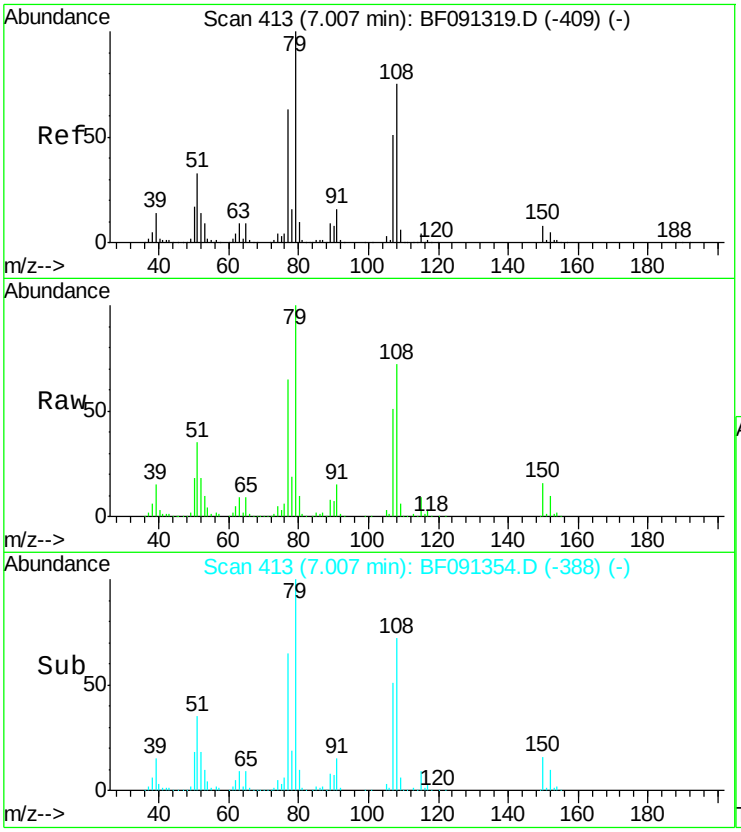


#14
1,2-Dichlorobenzene
Concen: 45.38 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:146 Resp: 605407

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	40.0	38.9	58.3



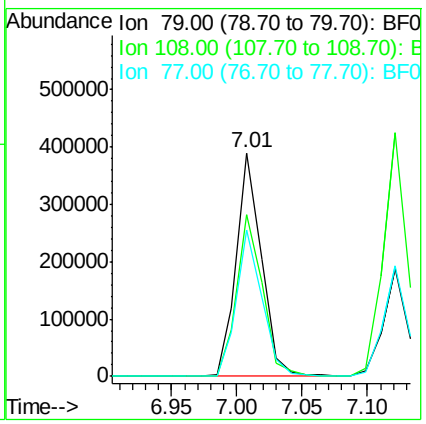


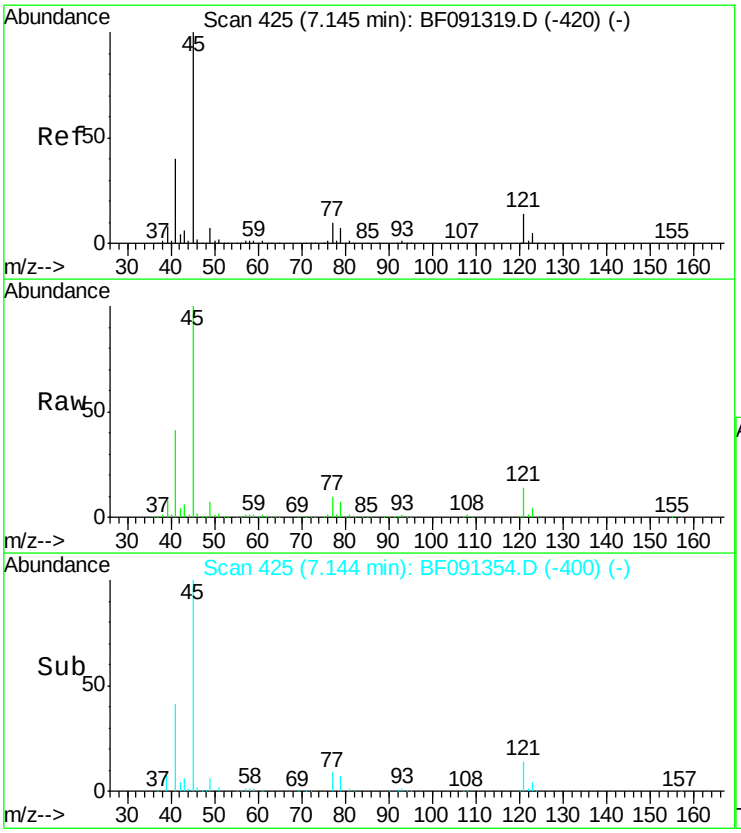
#15
Benzyl Alcohol
Concen: 45.01 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 79 Resp: 523420

Ion	Ratio	Lower	Upper
79	100		
108	72.3	62.7	94.1
77	65.3	51.7	77.5

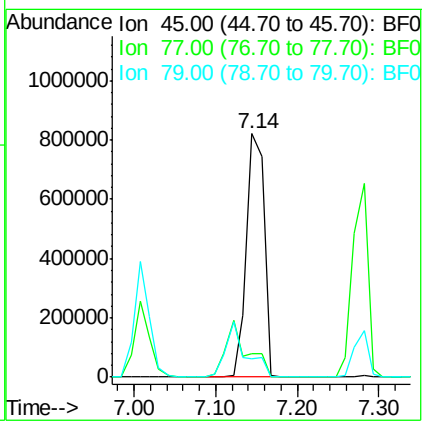


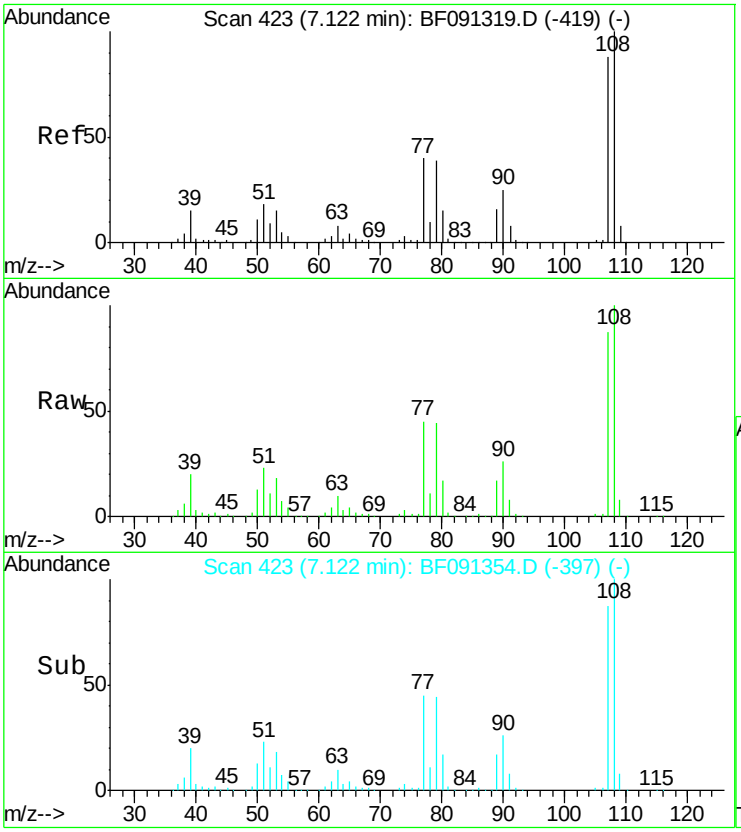


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.64 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 45 Resp: 1225316

Ion	Ratio	Lower	Upper
45	100		
77	9.5	3.8	43.8
79	7.5	0.2	40.2



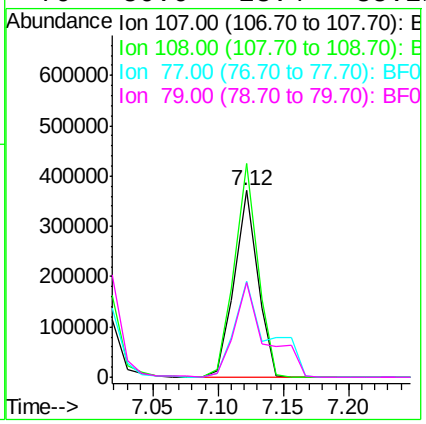


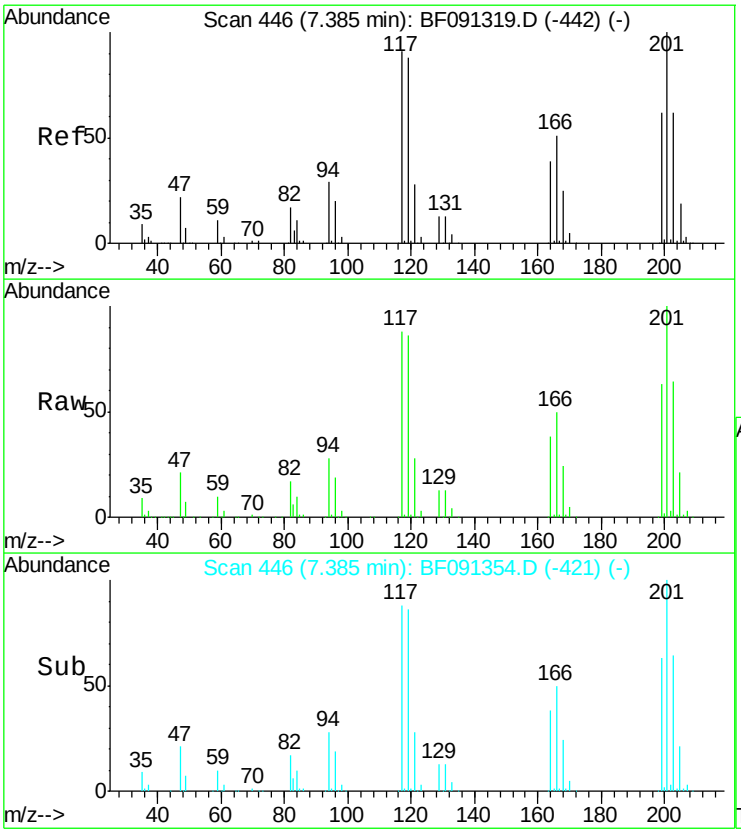
#17
2-Methylphenol
Concen: 45.58 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:107 Resp: 466335

Ion	Ratio	Lower	Upper
107	100		
108	114.7	67.7	101.5#
77	51.9	40.7	61.1
79	50.6	23.4	35.2#

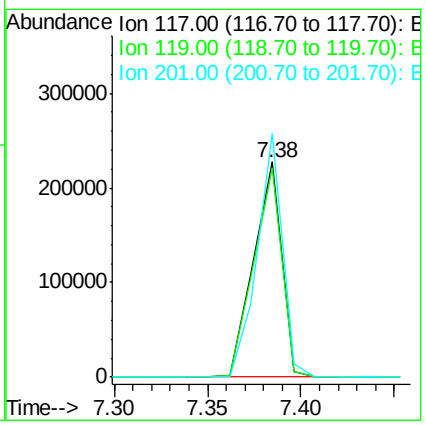


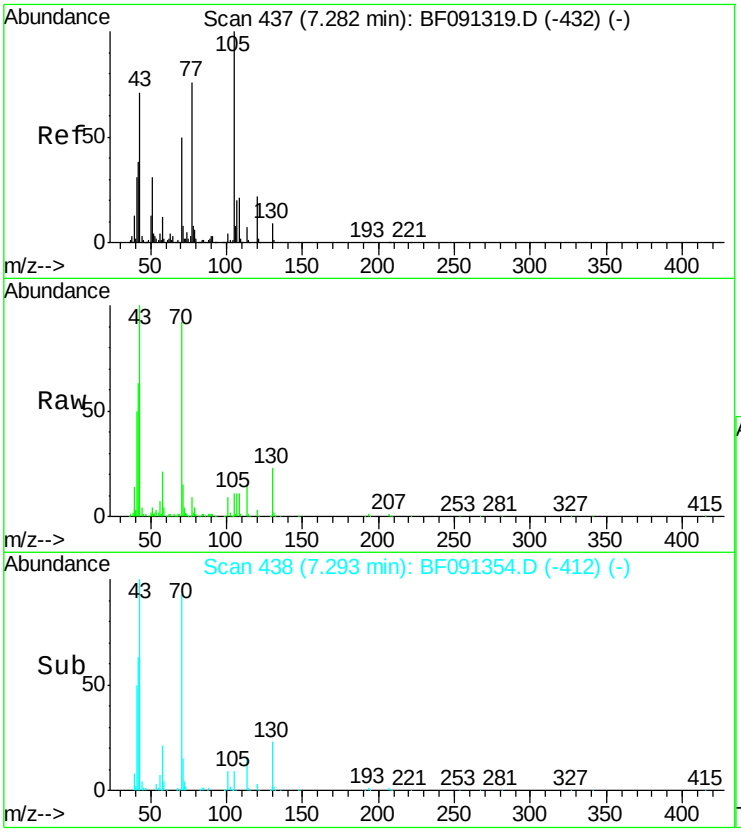


#18
Hexachloroethane
Concen: 46.23 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:117 Resp: 235070

Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.6	118.0
201	113.2	86.7	130.1



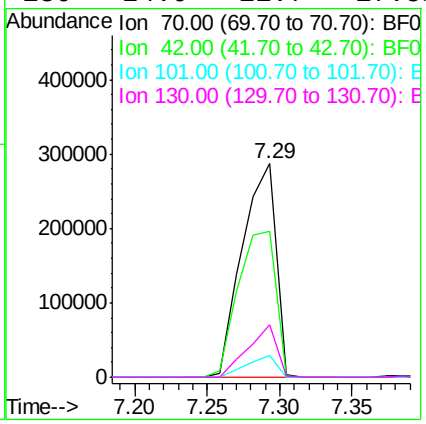


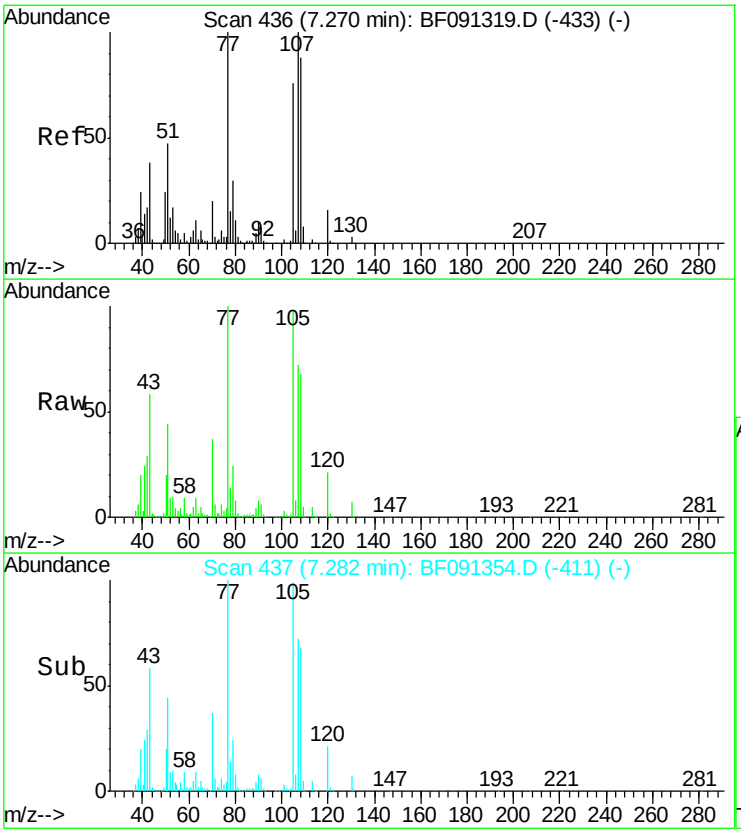
#19
n-Nitroso-di-n-propylamine
Concen: 50.82 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 70 Resp: 465311

Ion	Ratio	Lower	Upper
70	100		
42	68.2	64.8	97.2
101	10.0	6.2	9.4#
130	24.9	11.7	17.5#

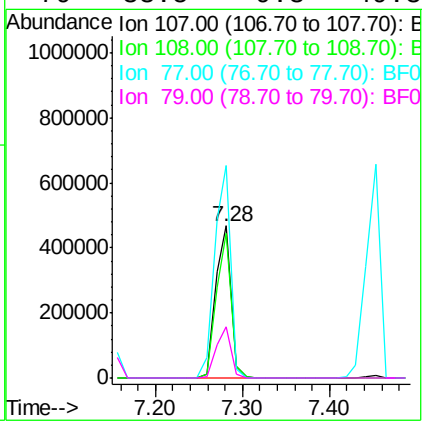


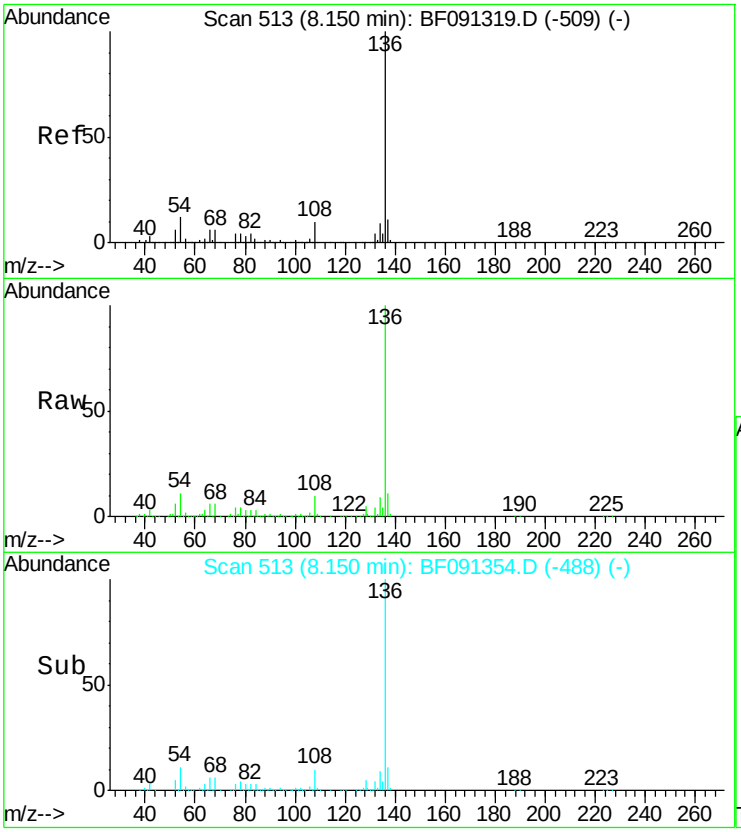


#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:107 Resp: 584081

Ion	Ratio	Lower	Upper
107	100		
108	94.8	64.6	104.6
77	139.7	30.9	70.9#
79	33.5	9.3	49.3



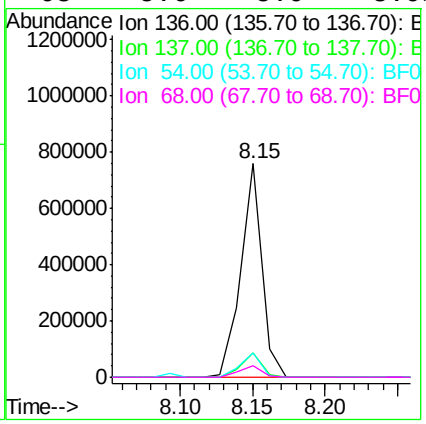


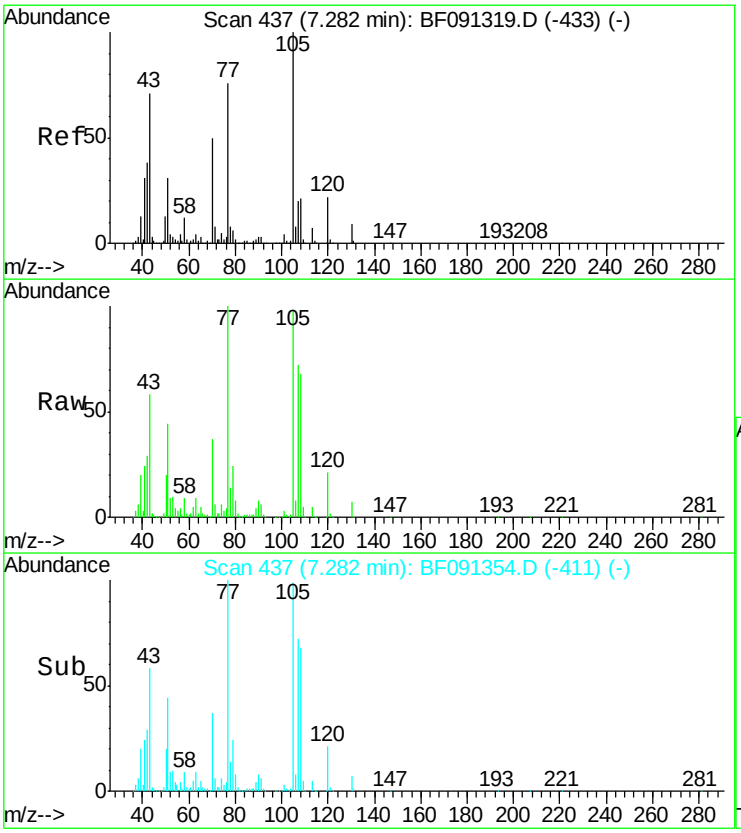
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:136 Resp: 762652

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.2	9.1	13.7
68	5.6	5.9	8.9#

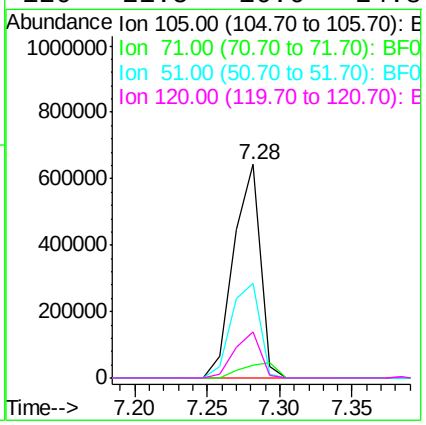


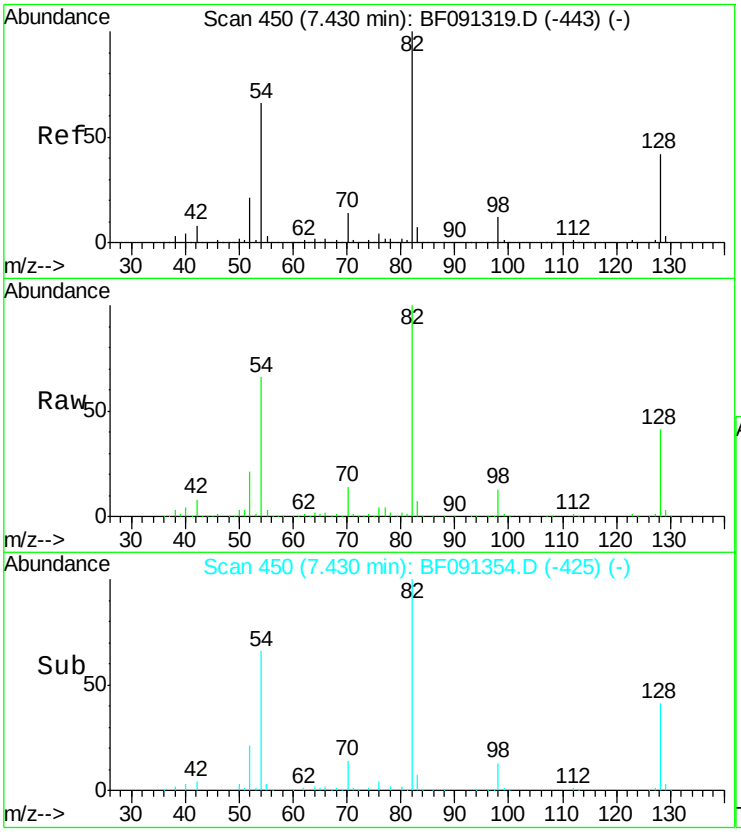


#22
Acetophenone
Concen: 45.23 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:105 Resp: 817591

Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.9	11.9#
51	44.6	24.5	36.7#
120	21.5	16.6	24.8



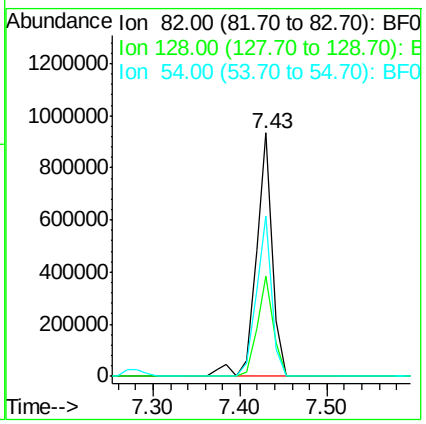


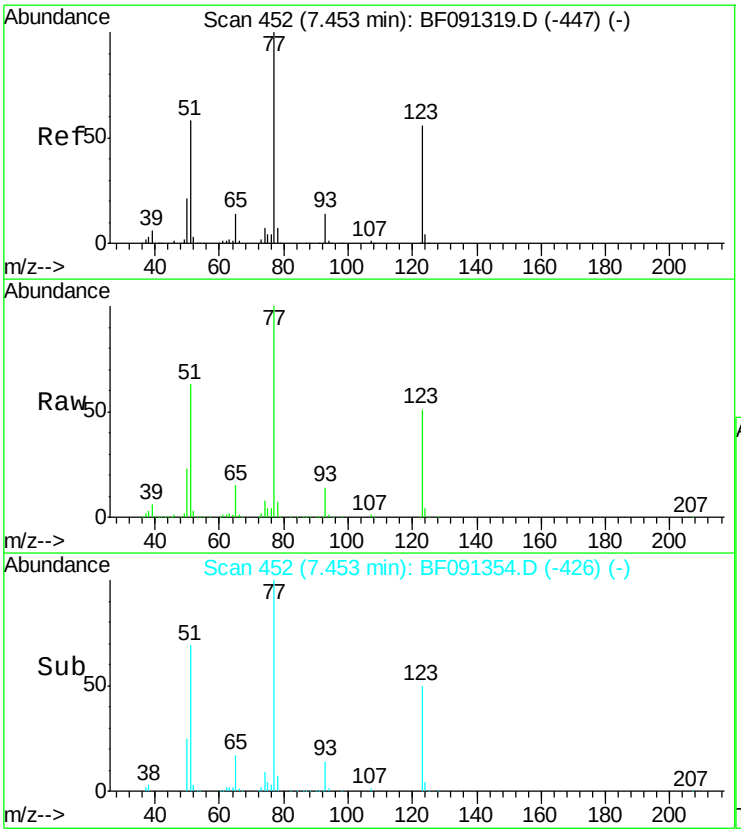
#23
Nitrobenzene-d5
Concen: 88.62 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 82 Resp: 1205979

Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.8	47.6
54	66.0	49.1	73.7

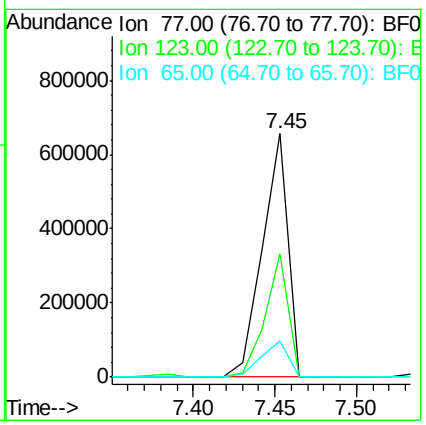


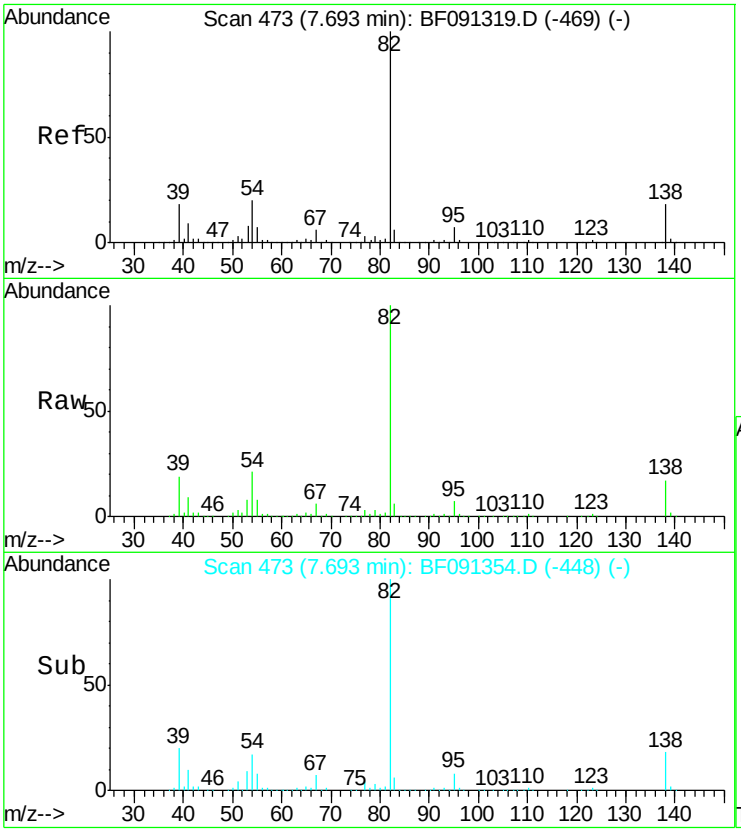


#24
Nitrobenzene
Concen: 51.32 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 77 Resp: 715031

Ion	Ratio	Lower	Upper
77	100		
123	50.7	28.5	42.7#
65	14.9	12.5	18.7



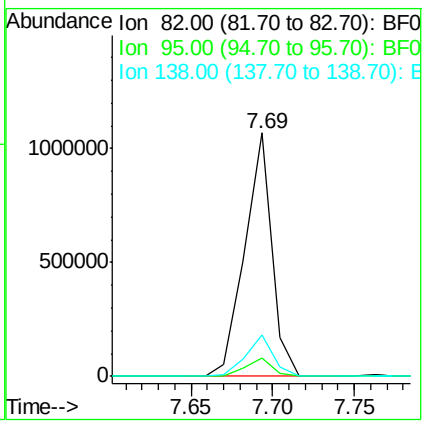


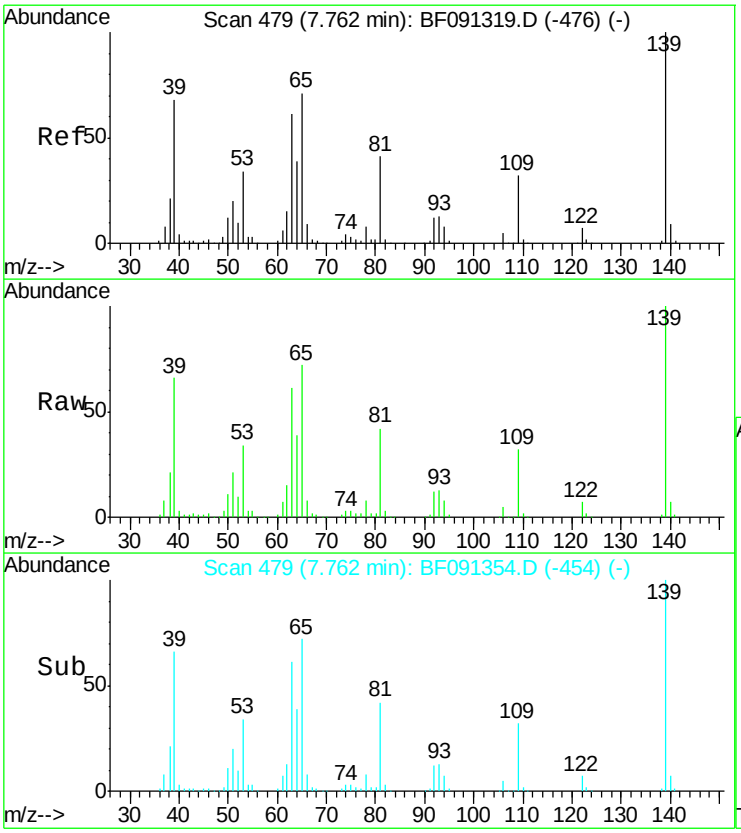
#25
Isophorone
Concen: 51.26 ng
RT: 7.69 min Scan# 473
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 82 Resp: 1235855

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	17.2	13.4	20.0

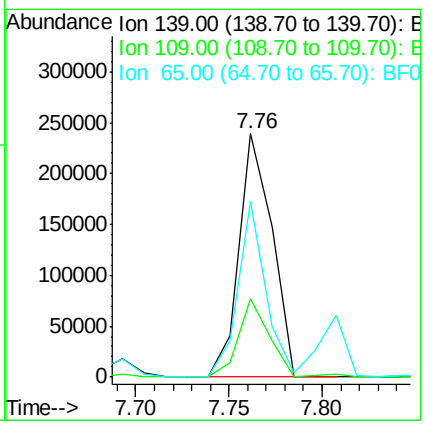


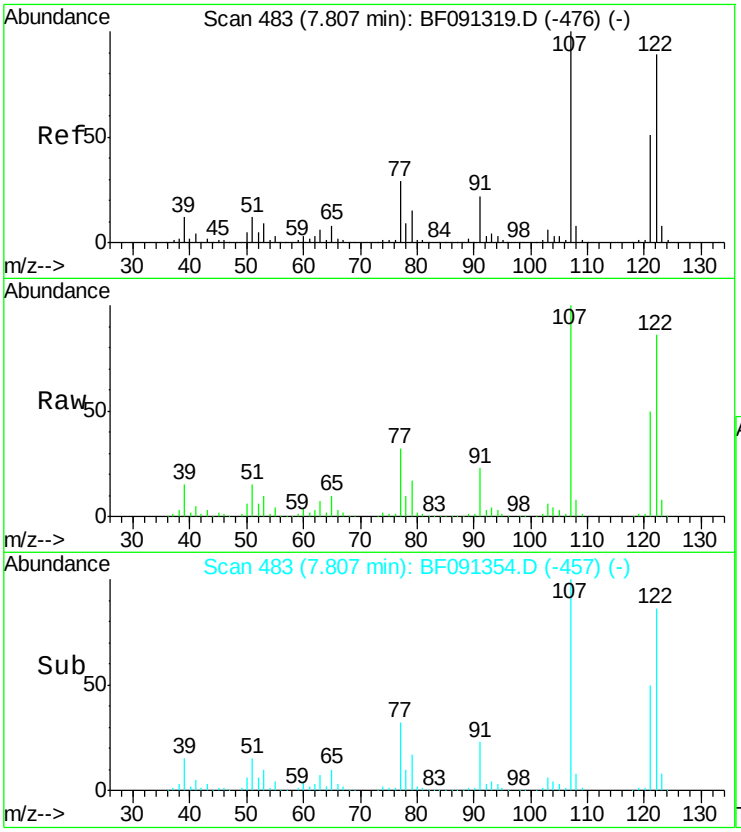


#26
2-Nitrophenol
Concen: 46.42 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:139 Resp: 294722

Ion	Ratio	Lower	Upper
139	100		
109	32.2	25.3	37.9
65	72.1	55.4	83.2



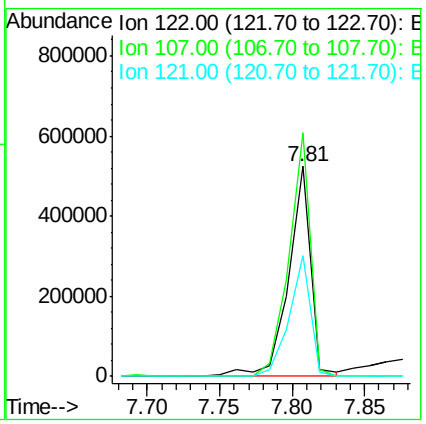


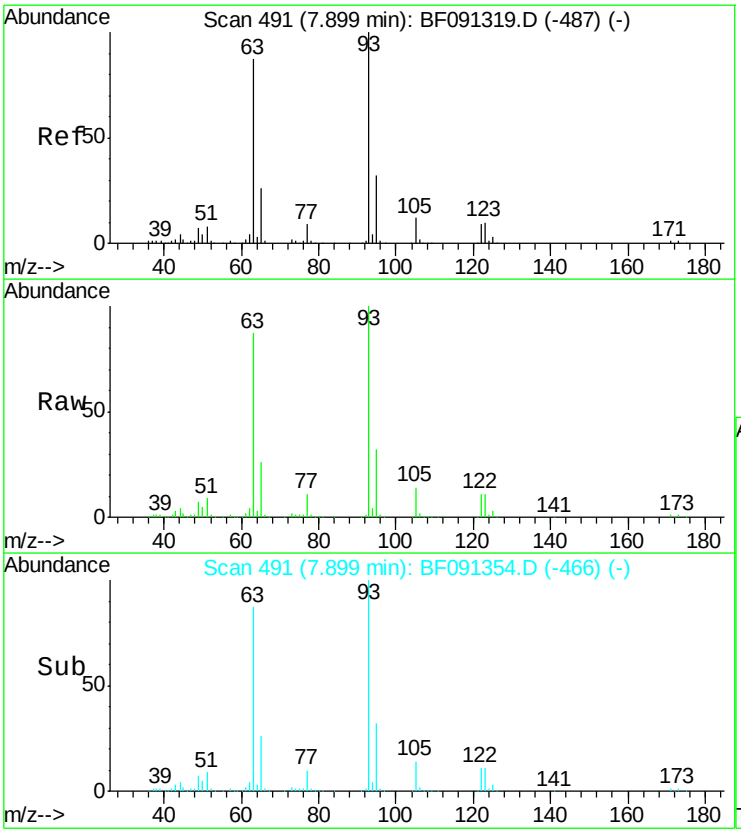
#27
2,4-Dimethylphenol
Concen: 46.73 ng
RT: 7.81 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:122 Resp: 555071

Ion	Ratio	Lower	Upper
122	100		
107	115.9	96.8	145.2
121	57.7	47.7	71.5

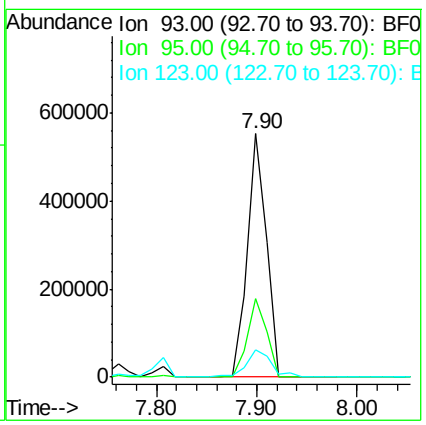


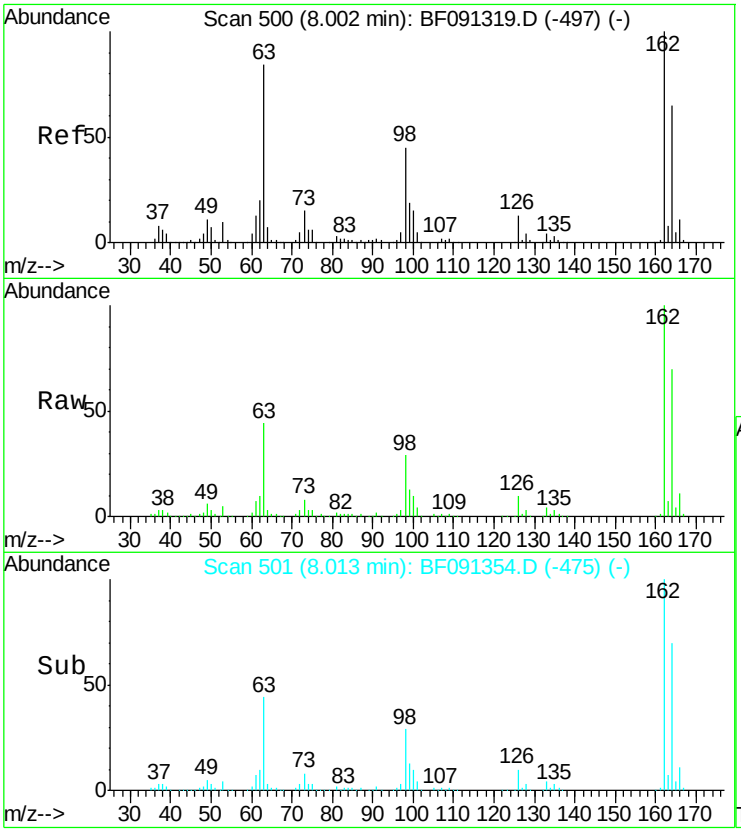


#28
bis(2-Chloroethoxy)methane
Concen: 49.74 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion: 93 Resp: 721776

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.2	8.6	12.8



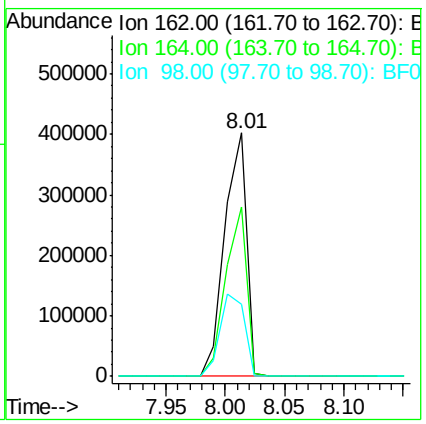


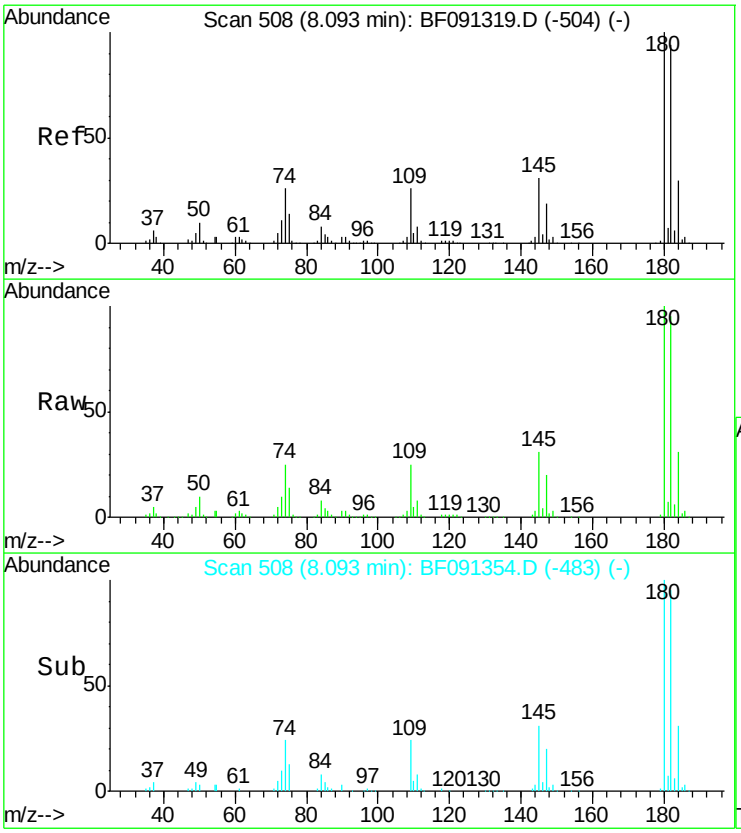
#29
2,4-Dichlorophenol
Concen: 49.24 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:162 Resp: 514529

Ion	Ratio	Lower	Upper
162	100		
164	69.8	45.0	85.0
98	29.4	21.3	61.3

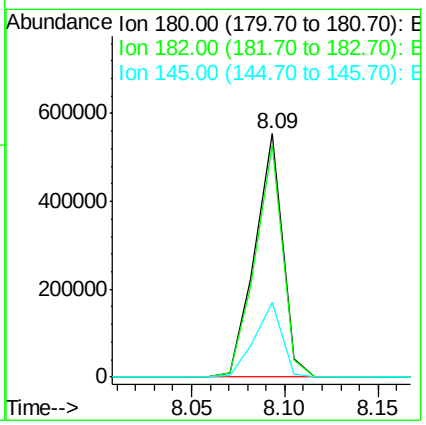


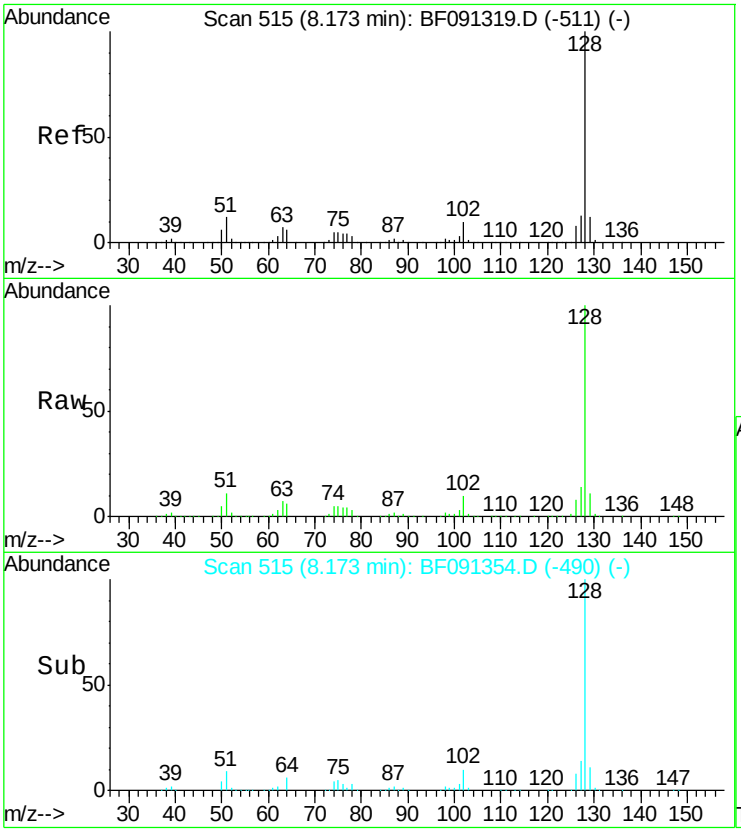


#30
1,2,4-Trichlorobenzene
Concen: 48.54 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:180 Resp: 568606

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.8
145	30.9	27.0	40.4



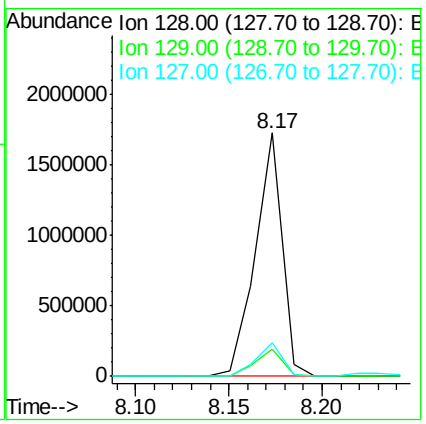


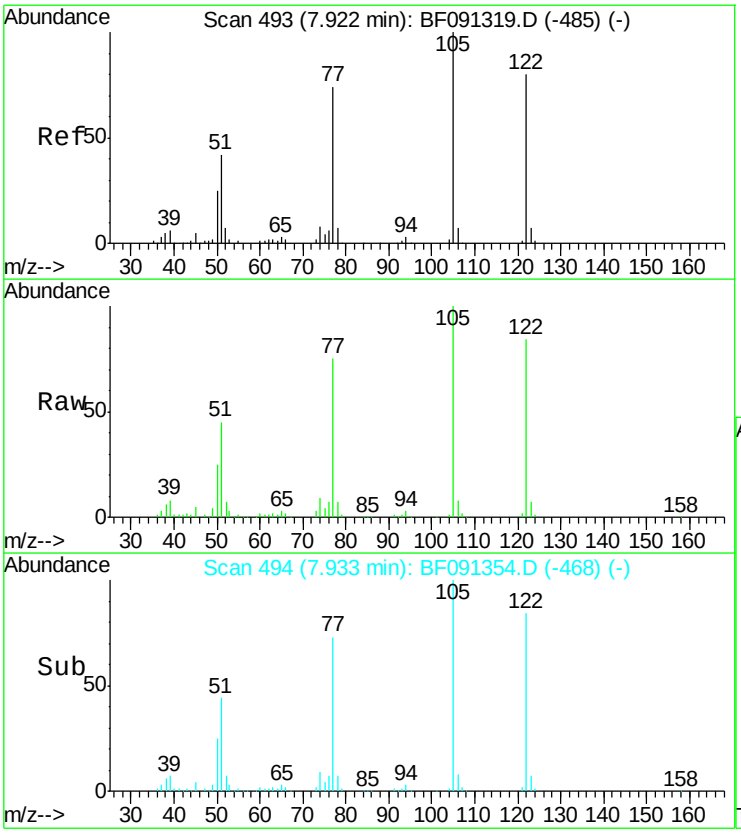
#31
Naphthalene
Concen: 46.97 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:128 Resp: 1702607

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	11.0	16.4

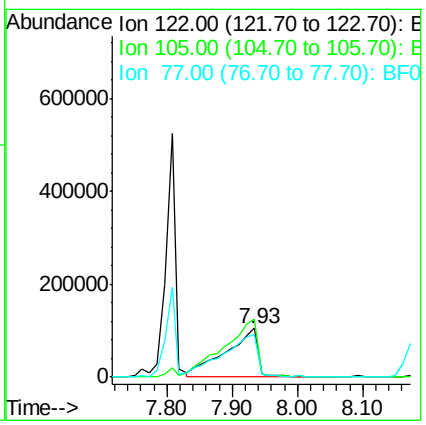


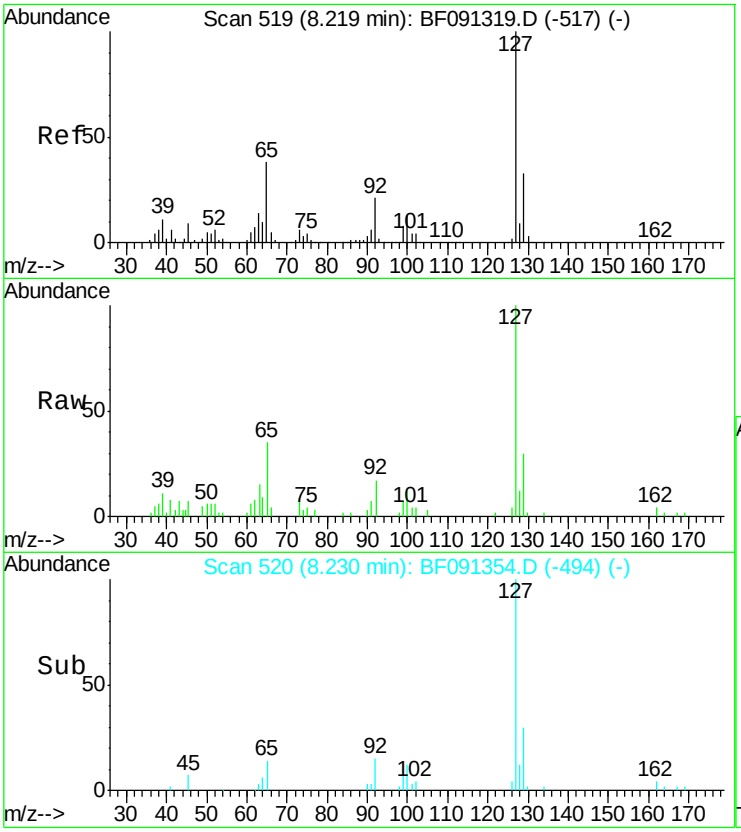


#32
Benzoic acid
Concen: 40.47 ng
RT: 7.93 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:122 Resp: 354352

Ion	Ratio	Lower	Upper
122	100		
105	118.5	113.0	153.0
77	88.8	82.0	122.0



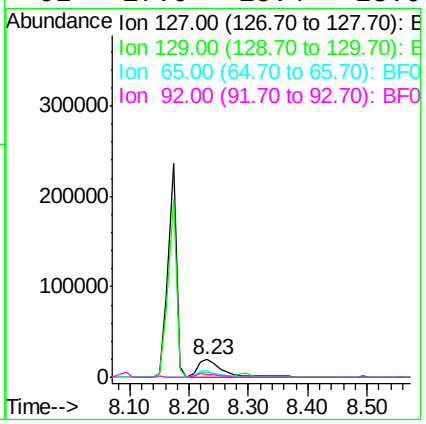


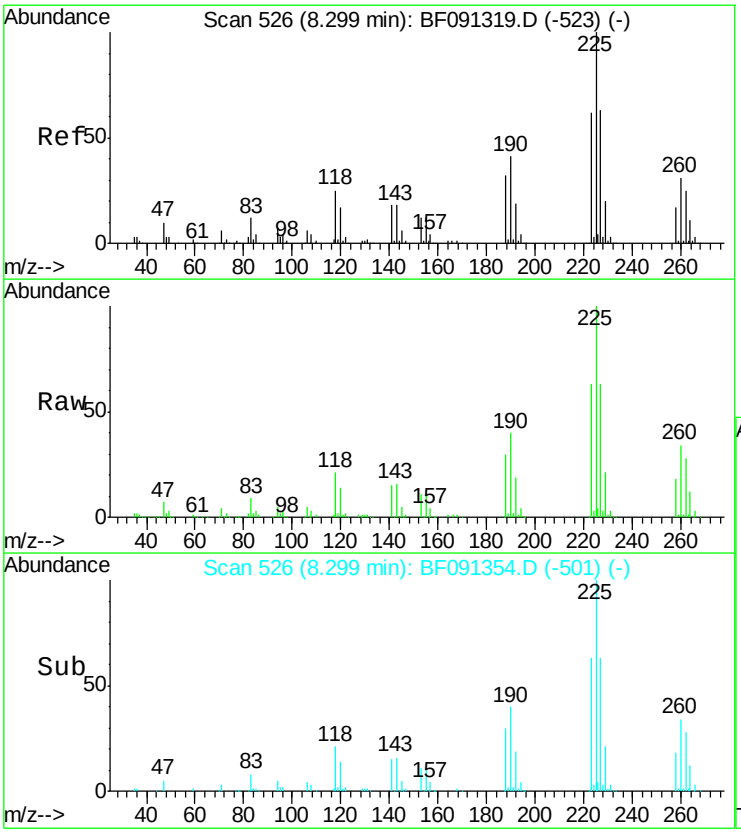
#33
4-Chloroaniline
Concen: 3.88 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:127 Resp: 60062

Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.4
65	35.3	26.6	39.8
92	17.0	15.4	23.0

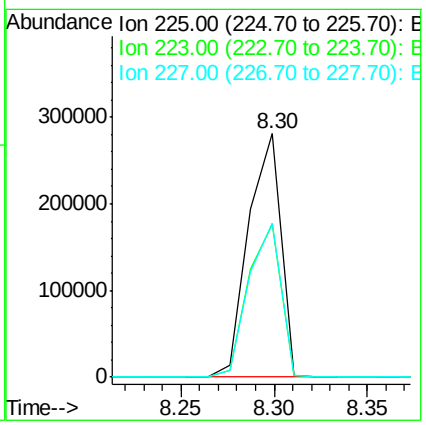


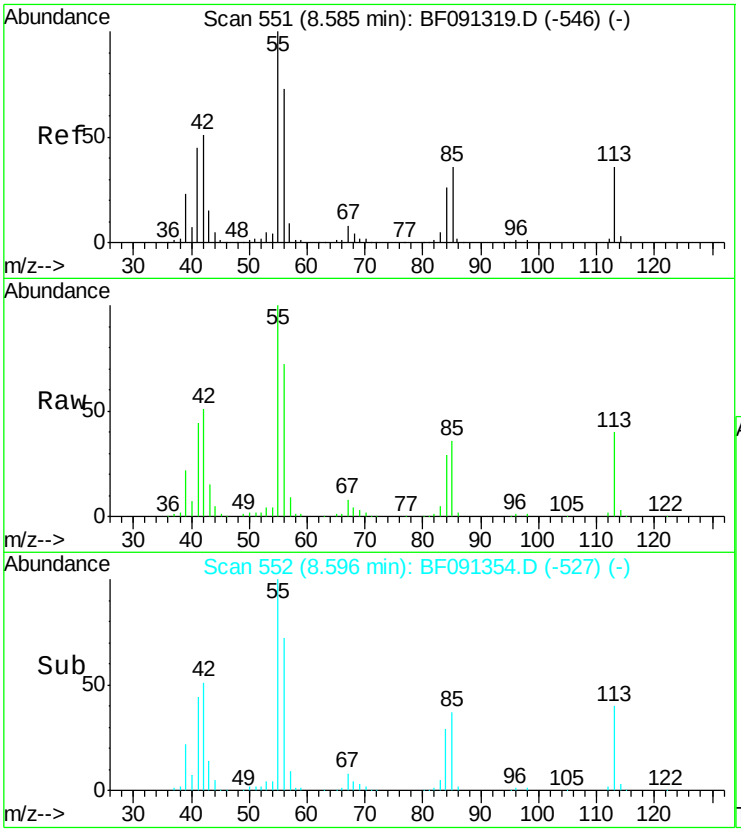


#34
Hexachlorobutadiene
Concen: 46.81 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:225 Resp: 337163

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.3	52.6	79.0



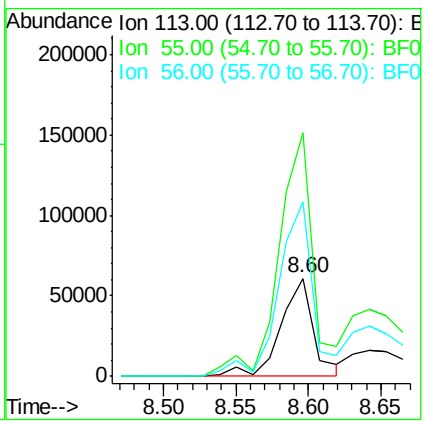


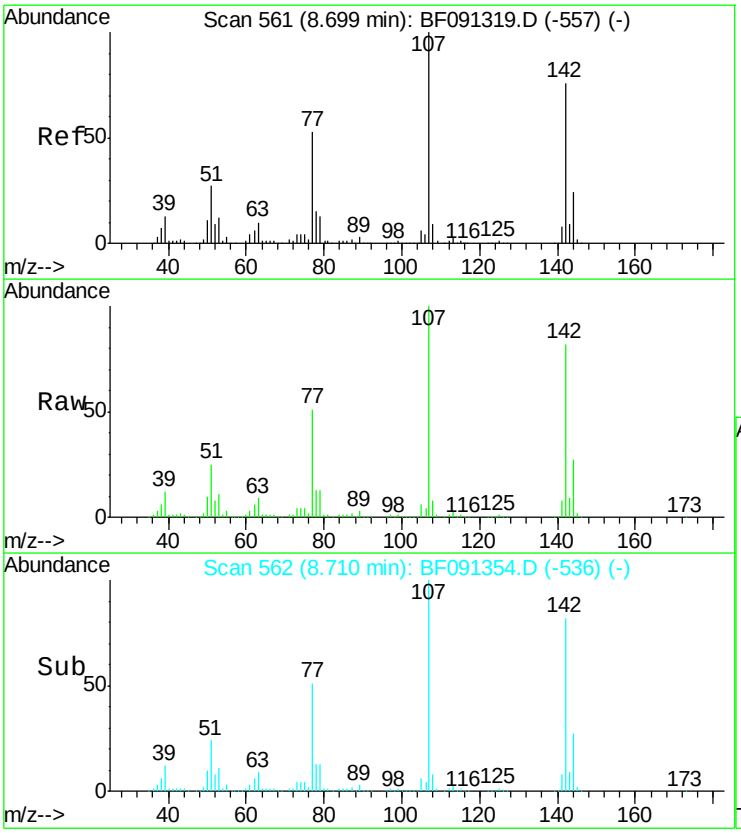
#35
Caprolactam
Concen: 31.67 ng
RT: 8.60 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:113 Resp: 95121

Ion	Ratio	Lower	Upper
113	100		
55	249.2	239.8	279.8
56	178.9	165.6	205.6

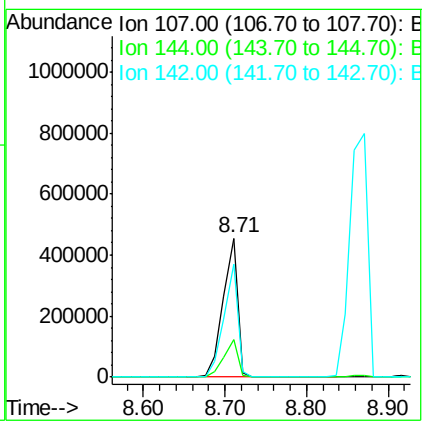


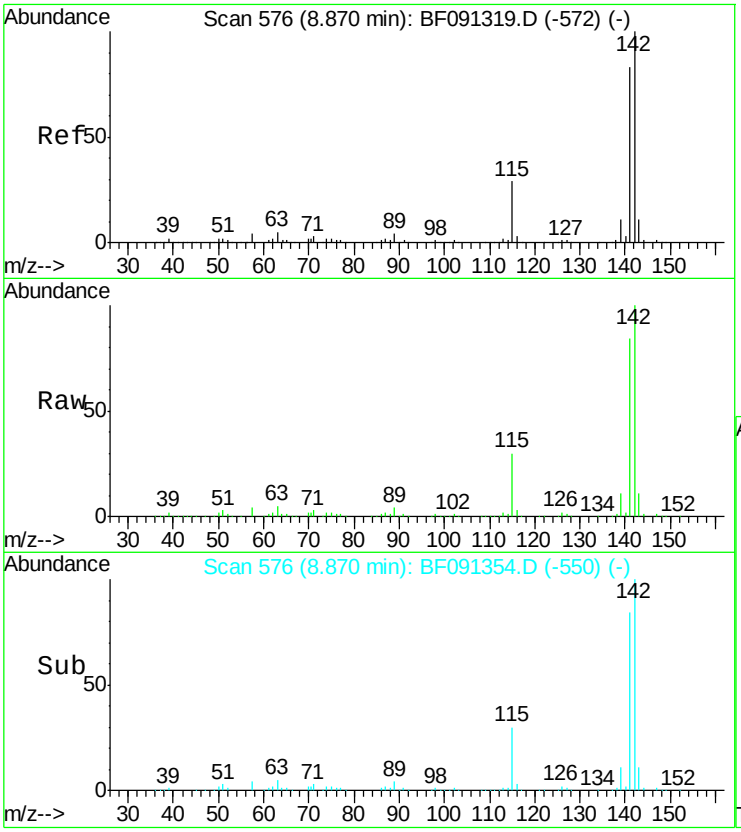


#36
4-Chloro-3-methylphenol
Concen: 49.73 ng
RT: 8.71 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:107 Resp: 560978

Ion	Ratio	Lower	Upper
107	100		
144	27.1	18.9	28.3
142	81.9	58.5	87.7



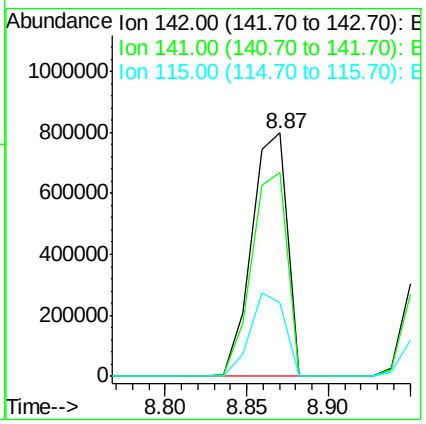


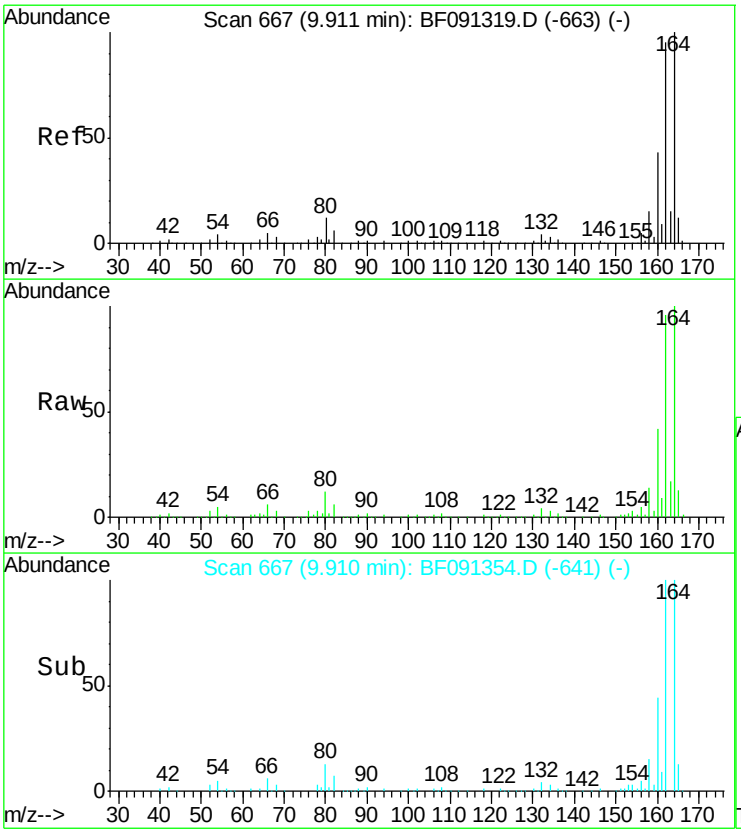
#37
2-Methylnaphthalene
Concen: 48.96 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:142 Resp: 1205653

Ion	Ratio	Lower	Upper
142	100		
141	83.7	71.7	107.5
115	30.3	25.0	37.6

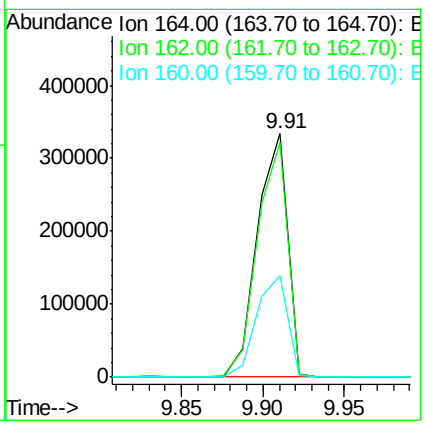


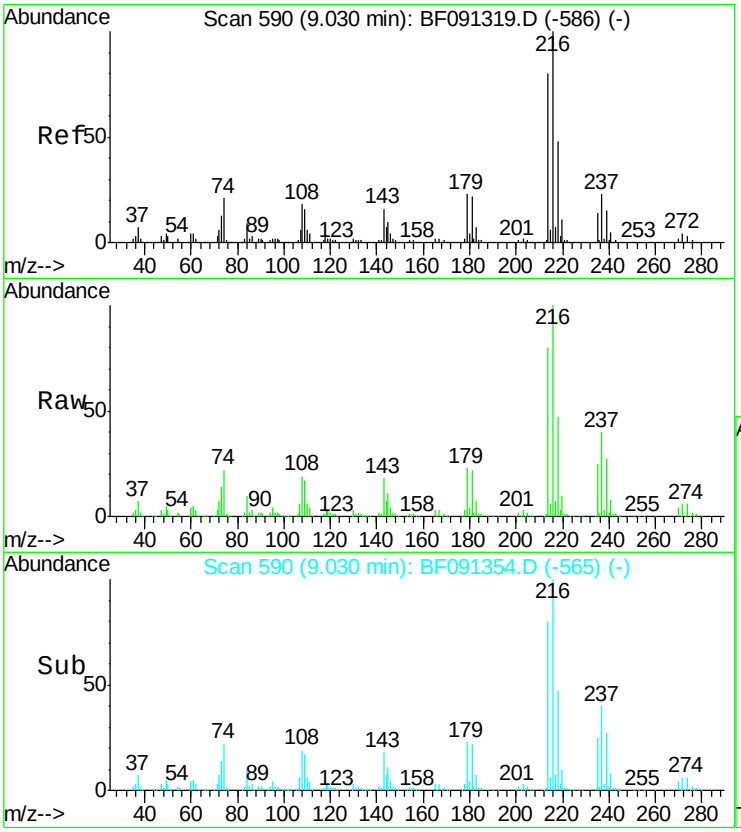


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:164 Resp: 431864

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.6	124.0
160	41.9	36.7	55.1



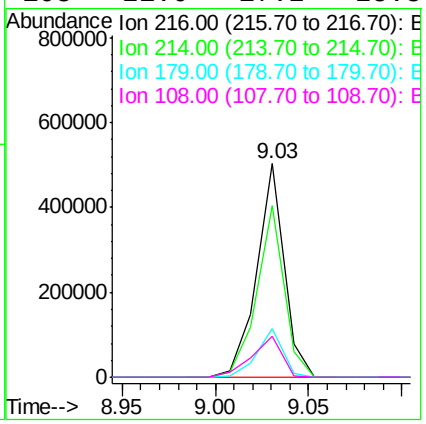


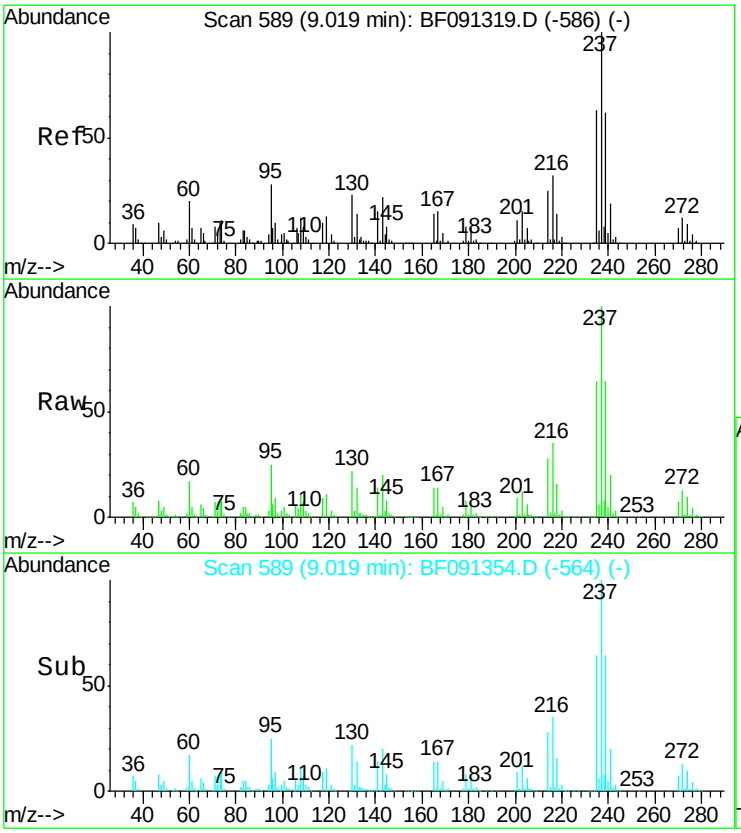
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.09 ng
RT: 9.03 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:216 Resp: 512463

Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	22.0	18.2	27.2
108	21.0	17.2	25.8

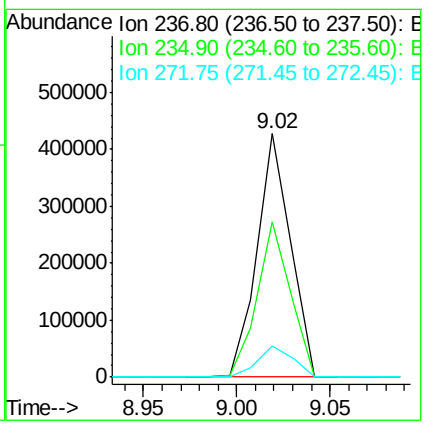


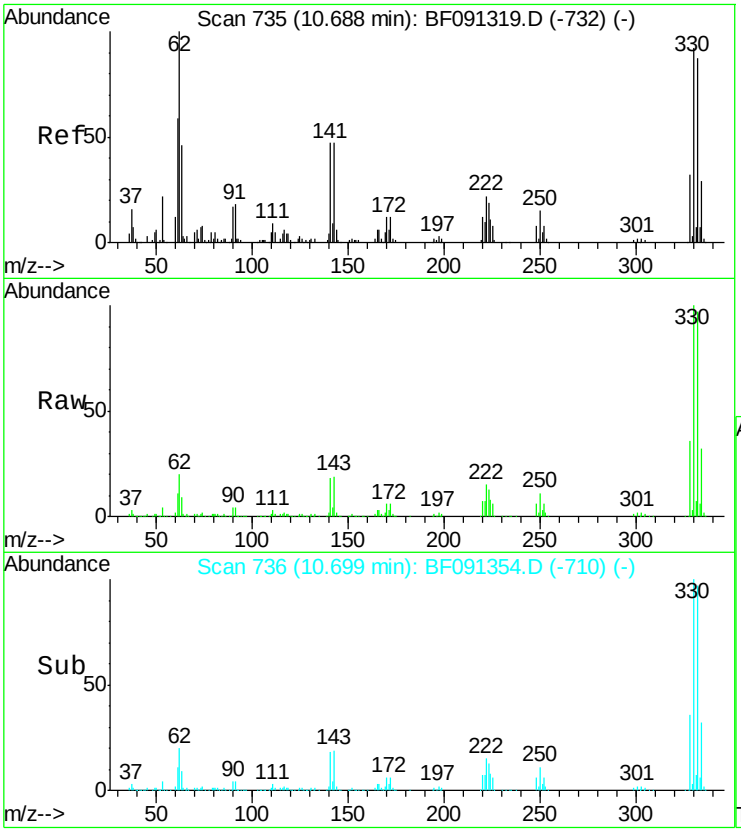


#40
Hexachlorocyclopentadiene
Concen: 93.68 ng
RT: 9.02 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:237 Resp: 528673

Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.9	83.9
272	13.0	0.0	33.1



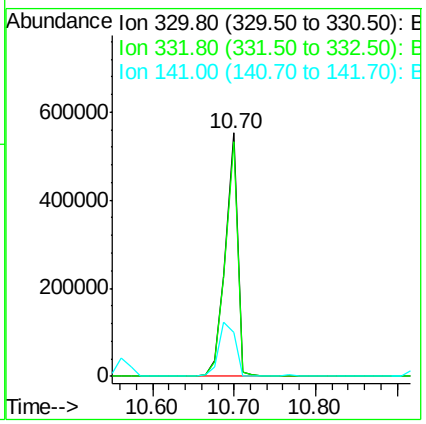


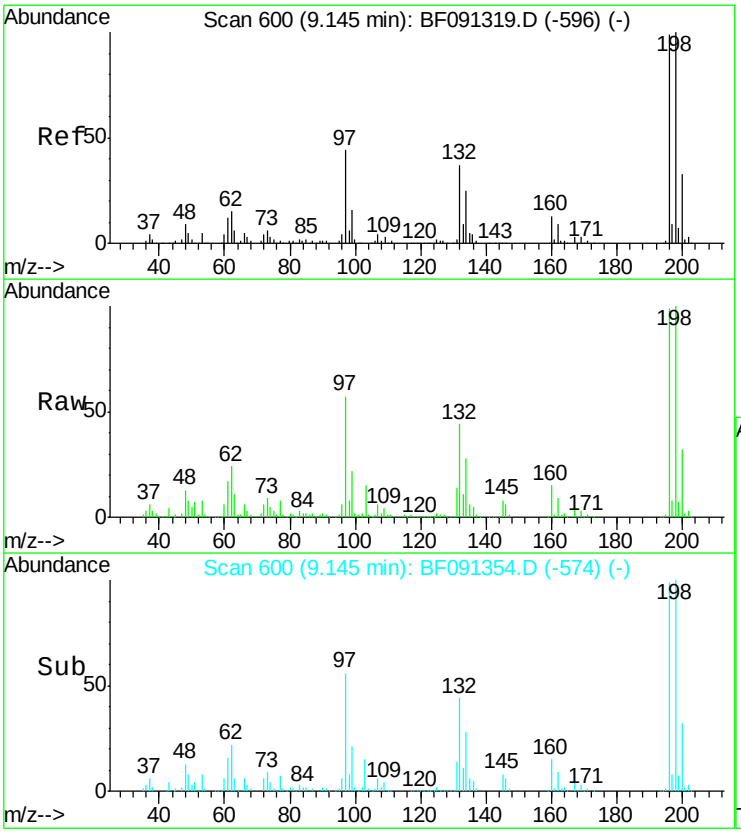
#41
2,4,6-Tribromophenol
Concen: 140.75 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:330 Resp: 575461

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	30.1	33.6	50.4#

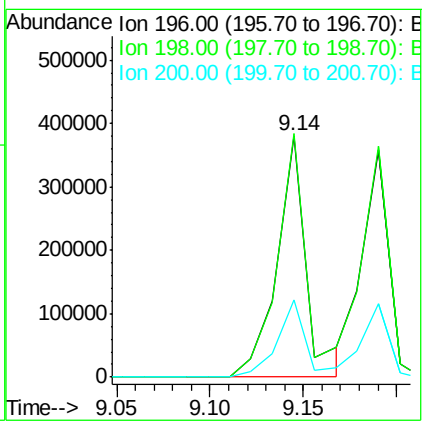


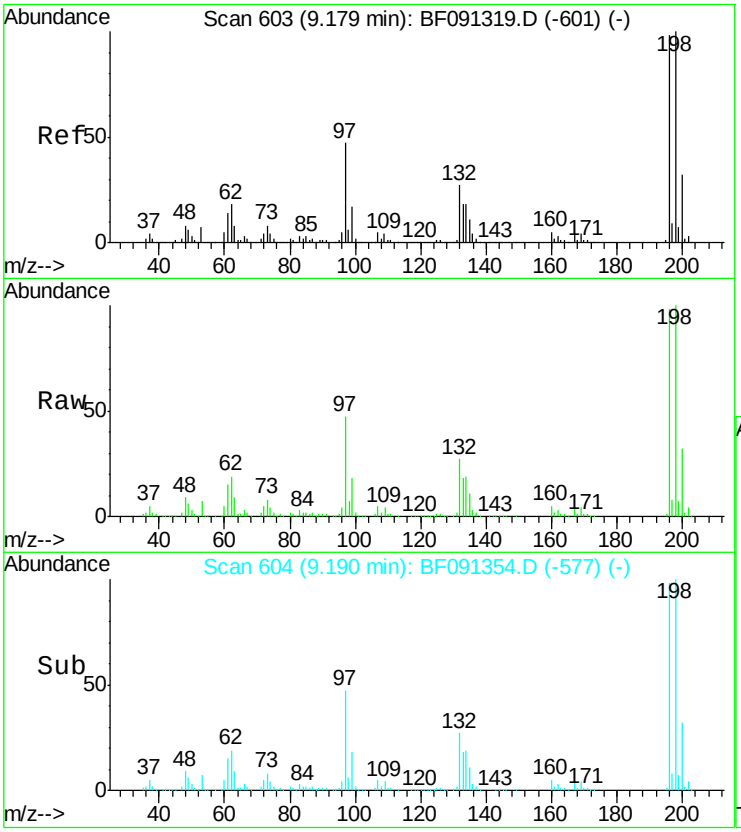


#42
2,4,6-Trichlorophenol
Concen: 52.56 ng
RT: 9.14 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:196 Resp: 415913

Ion	Ratio	Lower	Upper
196	100		
198	100.9	77.4	116.0
200	32.0	25.2	37.8



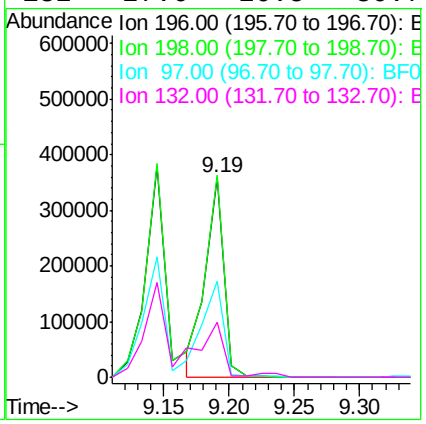


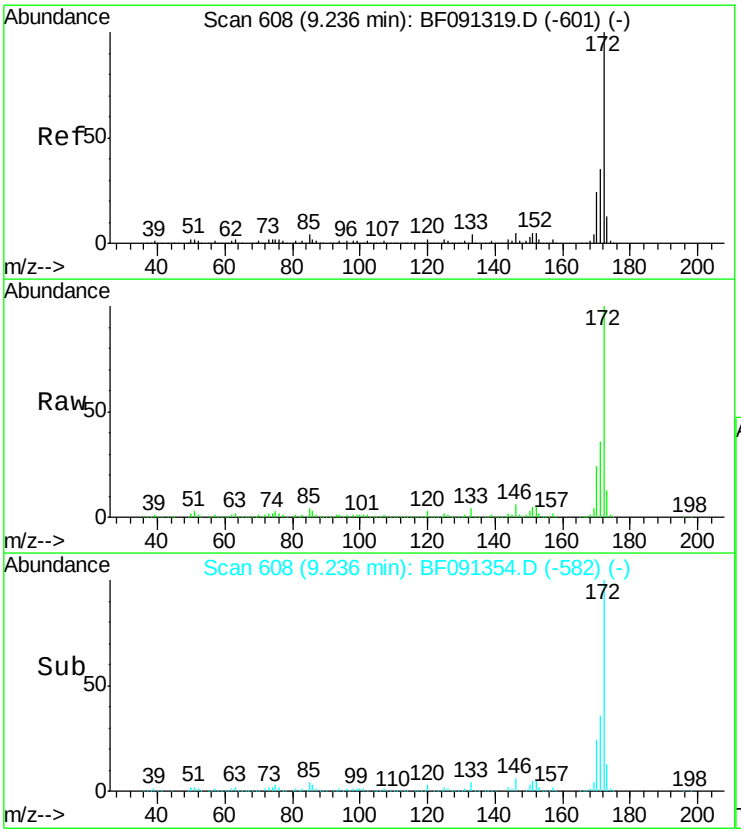
#43
2,4,5-Trichlorophenol
Concen: 44.85 ng
RT: 9.19 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:196 Resp: 355628

Ion	Ratio	Lower	Upper
196	100		
198	101.6	77.0	115.6
97	48.1	33.5	50.3
132	27.6	20.5	30.7

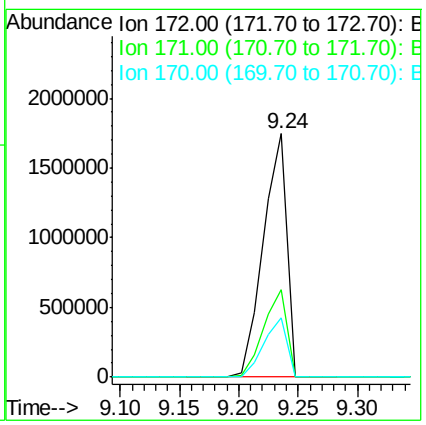


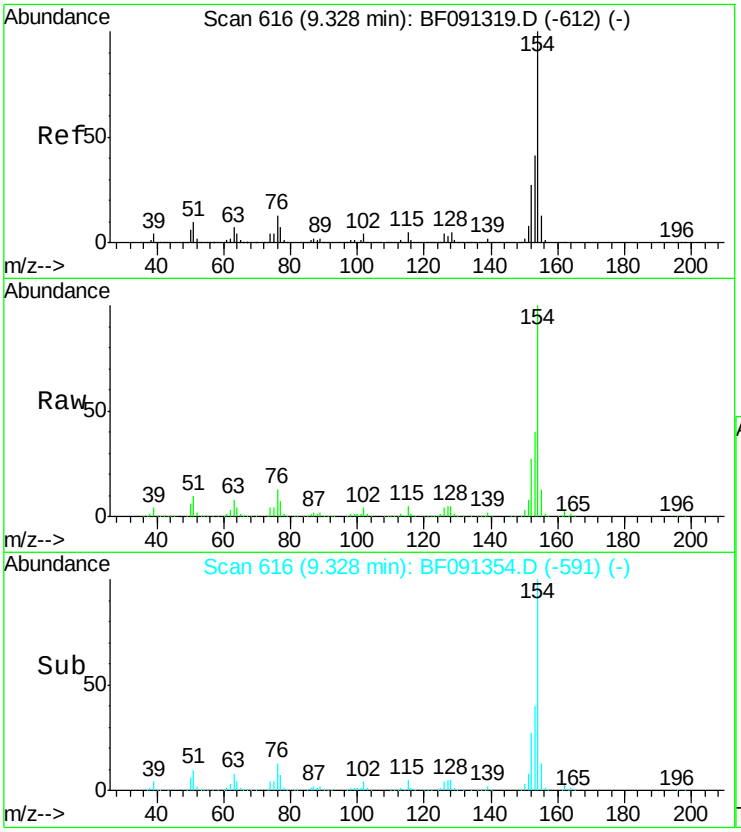


#44
2-Fluorobiphenyl
Concen: 101.29 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:172 Resp: 2415921

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	19.7	29.5



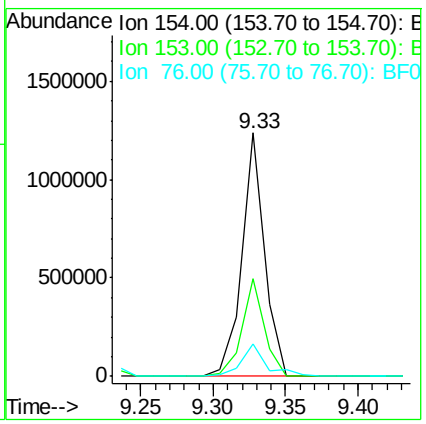


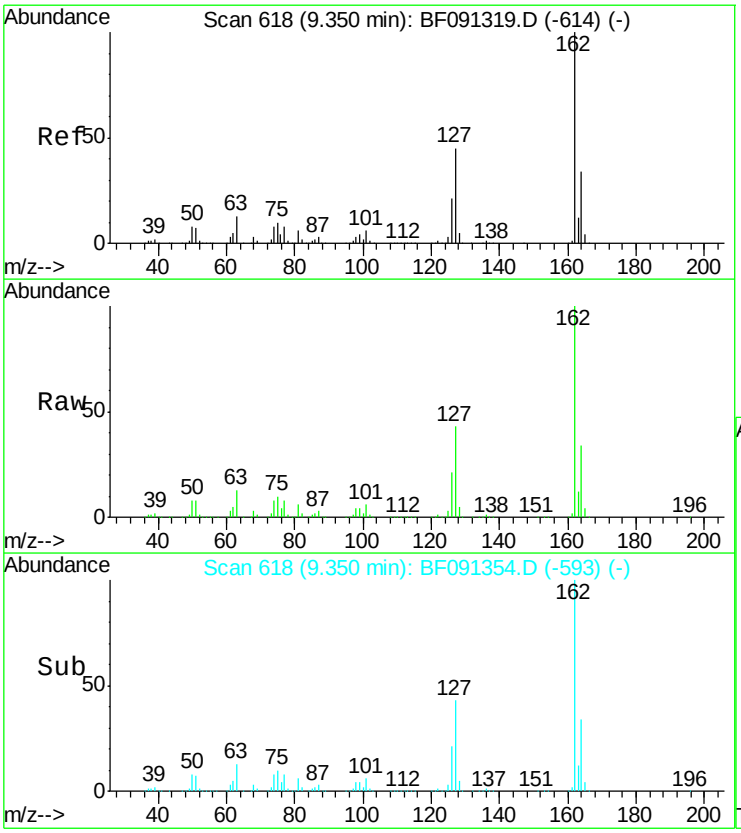
#45
1,1'-Biphenyl
Concen: 42.89 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:154 Resp: 1331870

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	13.4	0.0	36.6

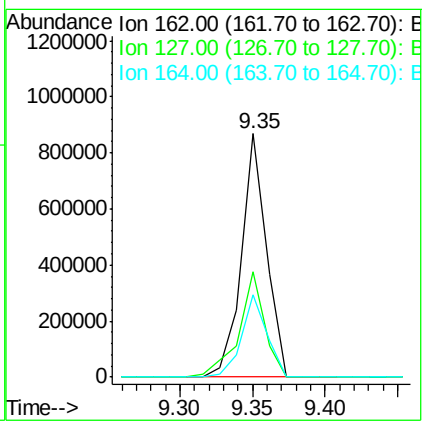


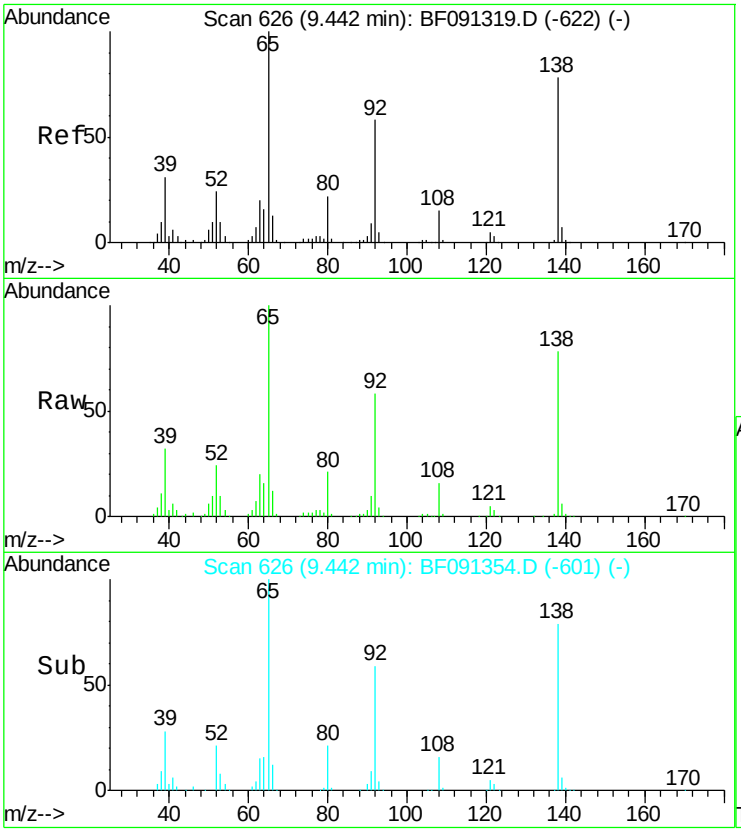


#46
2-Chloronaphthalene
Concen: 44.63 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:162 Resp: 1032078

Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.3	51.5
164	34.1	26.6	40.0



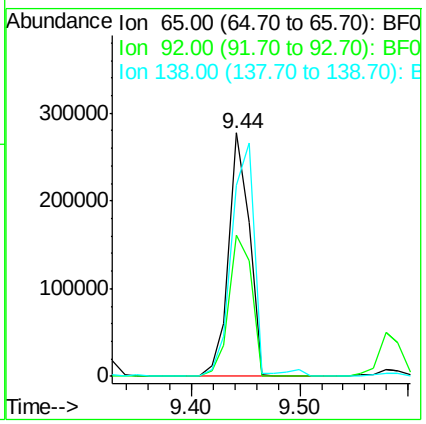


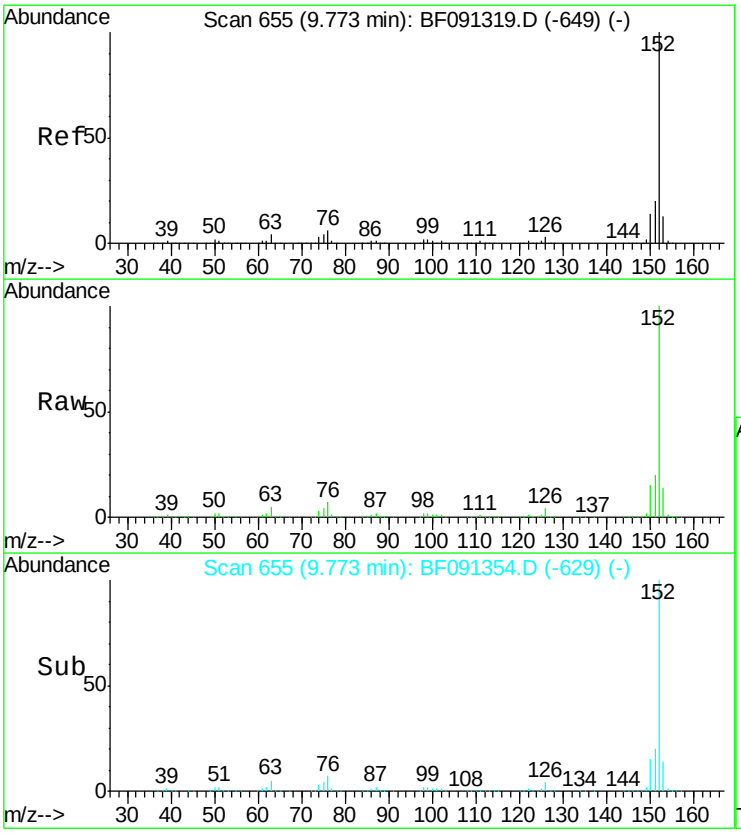
#47
2-Nitroaniline
Concen: 43.63 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion: 65 Resp: 362370

Ion	Ratio	Lower	Upper
65	100		
92	58.0	53.6	80.4
138	78.3	91.0	136.6#

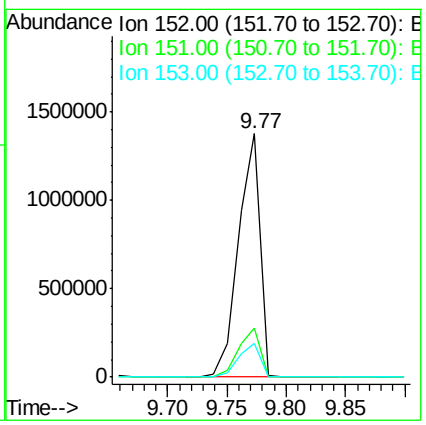


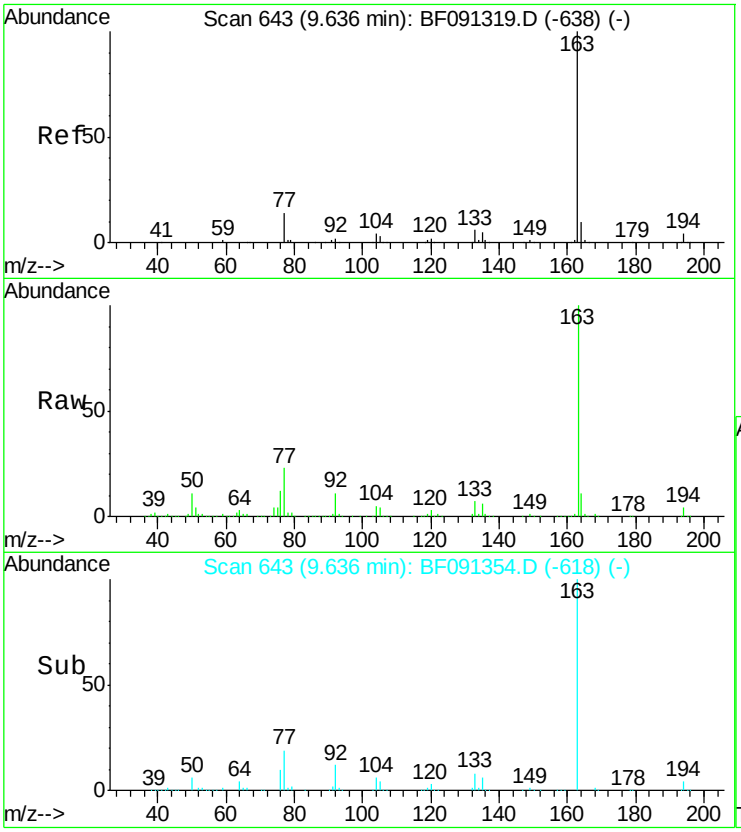


#48
Acenaphthylene
Concen: 47.90 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:152 Resp: 1743913

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.7	10.7	16.1



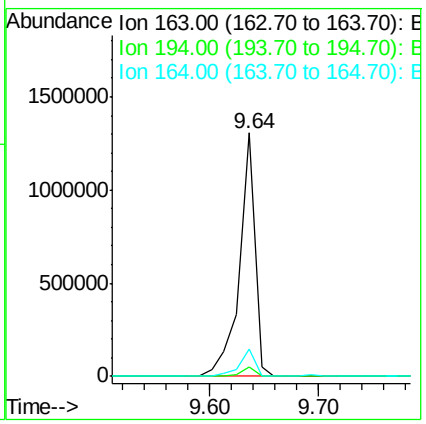


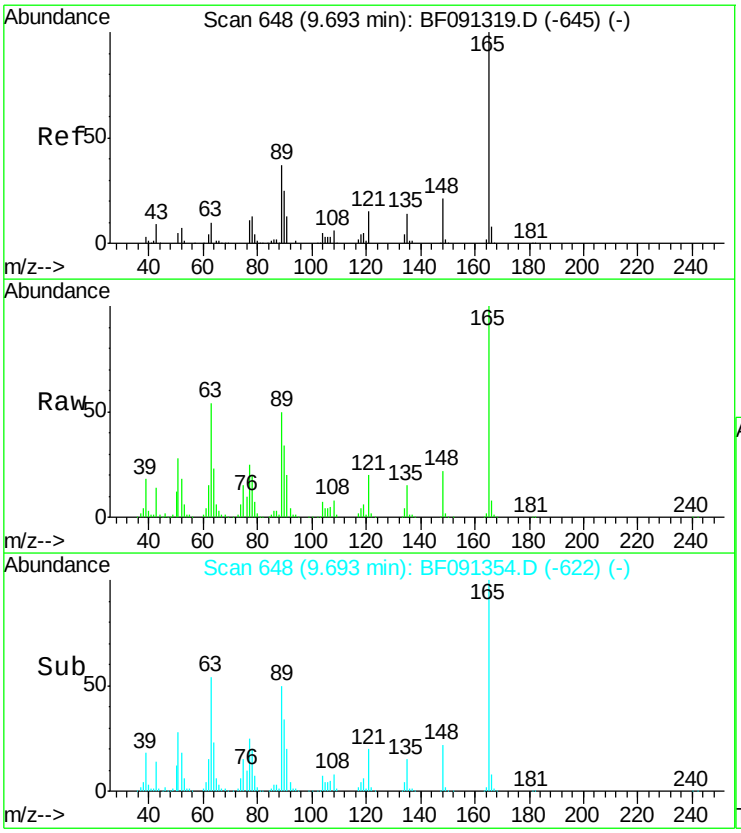
#49
Dimethylphthalate
Concen: 48.94 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:163 Resp: 1279844

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	11.1	7.8	11.8

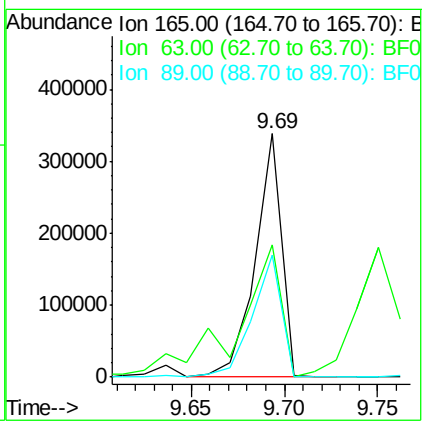


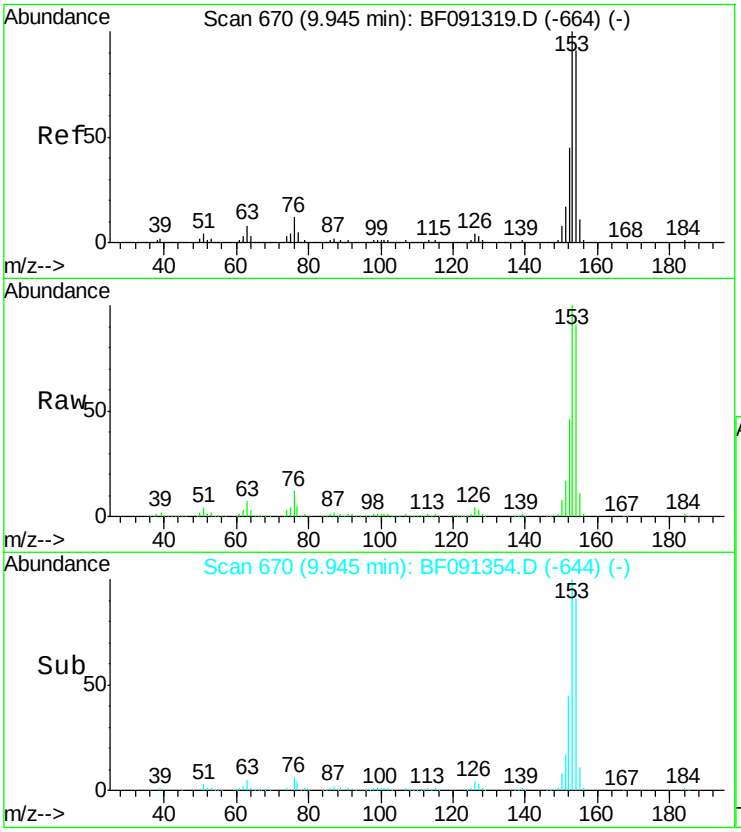


#50
2,6-Dinitrotoluene
Concen: 55.94 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:165 Resp: 326935

Ion	Ratio	Lower	Upper
165	100		
63	54.3	59.4	89.0#
89	49.9	50.8	76.2#



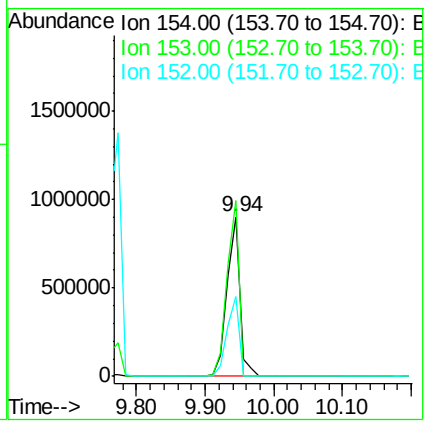


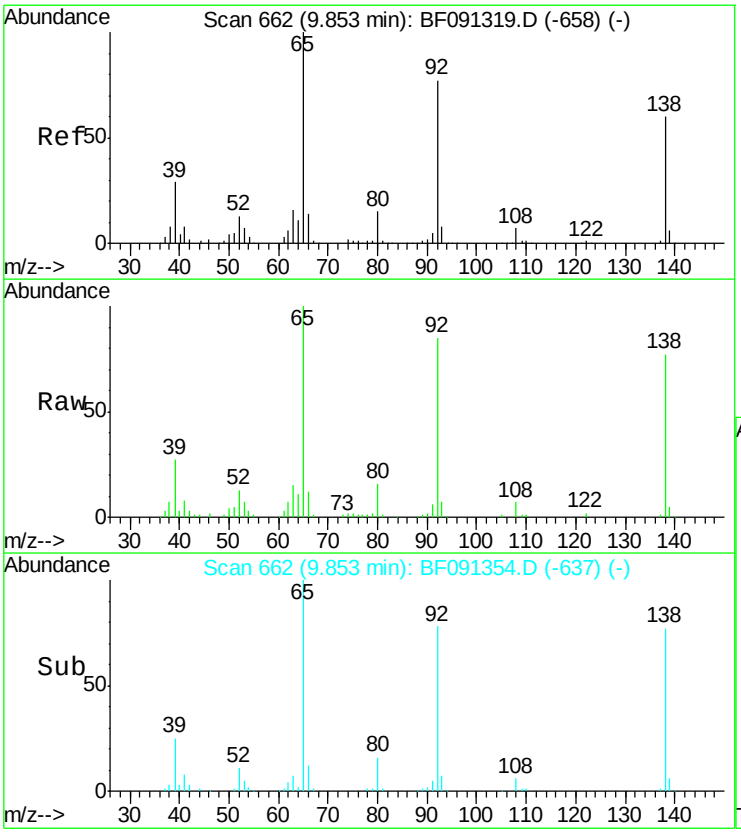
#51
Acenaphthene
Concen: 49.07 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tgt Ion:154 Resp: 1205023

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.0	136.6
152	50.2	44.2	66.2





#52
3-Nitroaniline
Concen: 10.79 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:138 Resp: 72999

Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.1	12.1
92	111.6	92.5	138.7