Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090412.D
Acq On : 6 Oct 2016 6:12
Operator : UM/SJ
Sample : H5085-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-STA-1698-D(0-2)MSD

Quant Time: Oct 06 06:42:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	238764	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1046674	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	516046	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	836527	20.00	ng		0.00
75) Chrysene-d12	14.19	240	598522	20.00	ng		-0.01
86) Perylene-d12	15.70	264	221983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1992039	124.52	ng		0.02
7) Phenol-d6	6.63	99	2472570	118.01	ng		0.01
23) Nitrobenzene-d5	7.57	82	1901312	88.36	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	792214	188.80	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3023833	97.63	ng		0.00
78) Terphenyl-d14	13.14	244	2943048	110.55	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.62	79	353297	16.07	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	365997	40.34	ng	#	61
6) Aniline	6.67	93	222503	7.69	ng		95
8) 2-Chlorophenol	6.79	128	794482	45.13	ng		91
9) Benzaldehyde	6.55	77	296231	27.97	ng		95
10) Phenol	6.65	94	1102395	45.25	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	789861	42.35	ng		92
12) 1,3-Dichlorobenzene	6.94	146	716692	40.84	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	800407	44.90	ng		97
14) 1,2-Dichlorobenzene	7.17	146	684380	39.85	ng		94
15) Benzyl Alcohol	7.14	79	551019	34.59	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1347700	42.60	ng		90
17) 2-Methylphenol	7.25	107	642338	44.36	ng		99
18) Hexachloroethane	7.53	117	300440	42.75	ng	#	88
19) n-Nitroso-di-n-propylamine	7.42	70	728395	47.41	ng	#	81
20) 3+4-Methylphenols	7.41	107	872460	46.55	ng	#	70
22) Acetophenone	7.41	105	1092240	44.06	ng	#	98
24) Nitrobenzene	7.58	77	872632	40.85	ng		97
25) Isophorone	7.82	82	1769415	44.98	ng		96
26) 2-Nitrophenol	7.90	139	403913	43.93	ng	#	80
27) 2,4-Dimethylphenol	7.94	122	739443	41.35	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	997365	42.87	ng		98
29) 2,4-Dichlorophenol	8.14	162	578634	42.56	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	654720	46.73	ng		98
31) Naphthalene	8.31	128	2282577	45.20	ng		99
32) Benzoic acid	8.05	122	526821	42.38	ng		93
34) Hexachlorobutadiene	8.43	225	332141	42.43	ng		99
35) Caprolactam	8.73	113	107059	23.42	ng		99
36) 4-Chloro-3-methylphenol	8.84	107	718384	42.20	ng		97
37) 2-Methylnaphthalene	9.01	142	1549459	50.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	600540	44.14	ng	#	98
40) Hexachlorocyclopentadiene	9.16	237	757394	101.56	ng		99
42) 2,4,6-Trichlorophenol	9.29	196	505871	53.88	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	426708	48.07	ng	#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090412.D
Acq On : 6 Oct 2016 6:12
Operator : UM/SJ
Sample : H5085-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-STA-1698-D(0-2)MSD

Quant Time: Oct 06 06:42:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.47	154	1674813	43.80	ng		93
46) 2-Chloronaphthalene	9.50	162	1445150	51.15	ng		94
47) 2-Nitroaniline	9.59	65	528635	47.42	ng	#	81
48) Acenaphthylene	9.91	152	1973308	42.33	ng		99
49) Dimethylphthalate	9.78	163	1734271	52.48	ng		99
50) 2,6-Dinitrotoluene	9.83	165	396149	53.99	ng	#	86
51) Acenaphthene	10.09	154	1507341	51.86	ng		98
52) 3-Nitroaniline	9.99	138	77749	9.07	ng		89
53) 2,4-Dinitrophenol	10.11	184	463068	141.55	ng	#	88
54) Dibenzofuran	10.26	168	1932547	51.37	ng		92
55) 4-Nitrophenol	10.17	139	721331	96.18	ng	#	72
56) 2,4-Dinitrotoluene	10.23	165	470722	48.20	ng	#	25
57) Fluorene	10.60	166	1597306	50.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	429646	64.81	ng		98
59) Diethylphthalate	10.47	149	1627130	47.58	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	801280	55.74	ng	#	87
61) 4-Nitroaniline	10.61	138	199759	23.13	ng		93
62) Azobenzene	10.76	77	2010960	50.92	ng		86
64) 4,6-Dinitro-2-methylphenol	10.65	198	276098	48.79	ng	#	66
65) n-Nitrosodiphenylamine	10.71	169	644093	22.98	ng		99
66) 4-Bromophenyl-phenylether	11.09	248	464929	56.70	ng	#	86
67) Hexachlorobenzene	11.16	284	491825	53.86	ng	#	87
68) Atrazine	11.23	200	14844	2.15	ng		92
69) Pentachlorophenol	11.34	266	593000	109.09	ng		99
70) Phenanthrene	11.57	178	2277925	53.18	ng		99
71) Anthracene	11.62	178	2199267	50.28	ng		99
72) Carbazole	11.77	167	705682	17.36	ng		97
73) Di-n-butylphthalate	12.11	149	2765219	55.91	ng		98
74) Fluoranthene	12.76	202	2039003	48.53	ng		99
77) Pyrene	12.99	202	1908590	47.82	ng		99
79) Butylbenzylphthalate	13.61	149	1024564	50.03	ng	#	72
80) Benzo(a)anthracene	14.18	228	1862304	55.46	ng		99
82) Chrysene	14.22	228	1783840	57.72	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1587561	54.54	ng	#	96
84) Di-n-octyl phthalate	14.80	149	2441091	56.57	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1136012	51.55	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1600904	113.22	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	1600904	120.53	ng		99
89) Benzo(a)pyrene	15.63	252	1102213	90.44	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	1063457	102.56	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	889649	89.41	ng		95

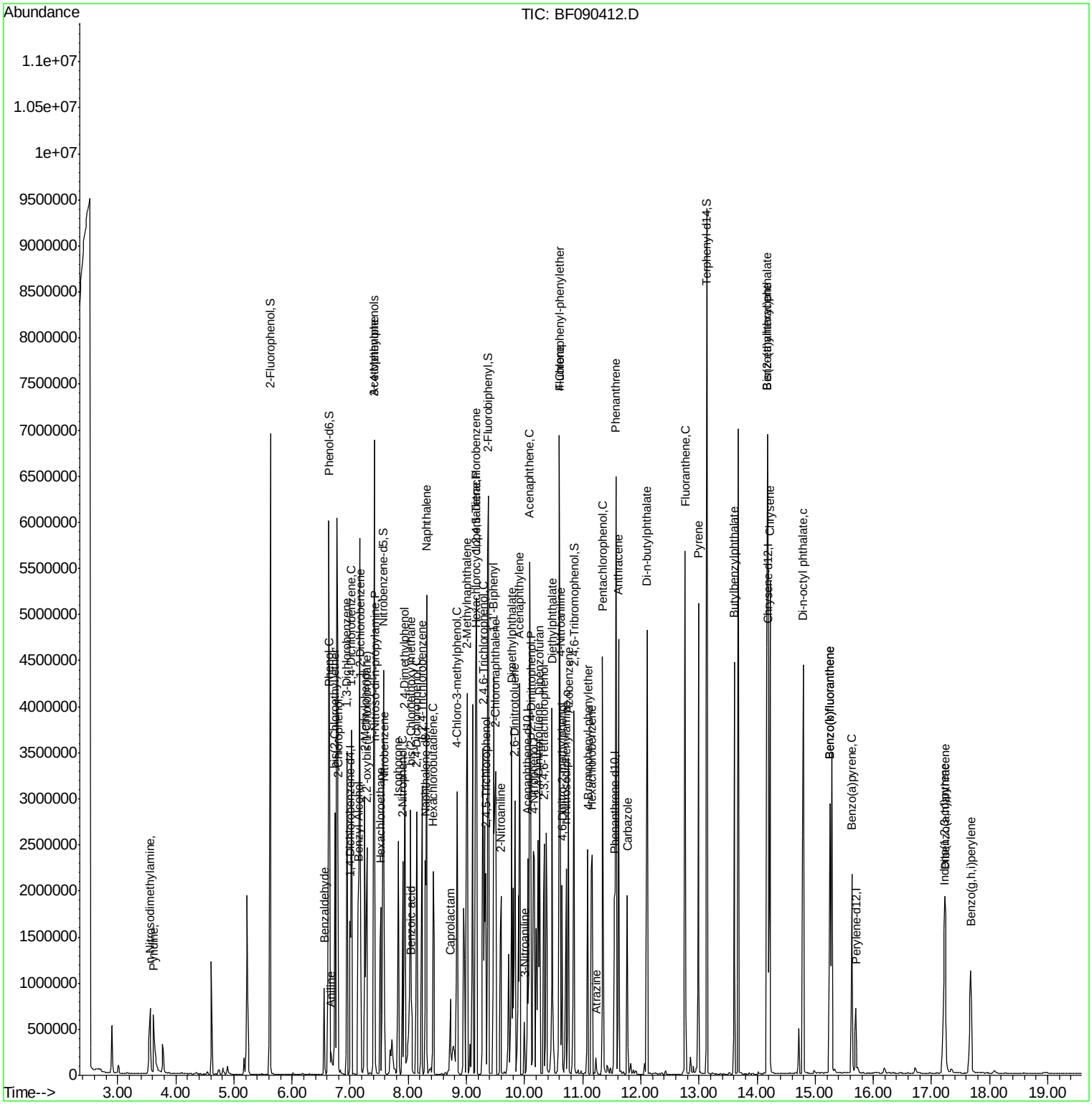
(#) = qualifier out of range (m) = manual integration (+) = signals summed

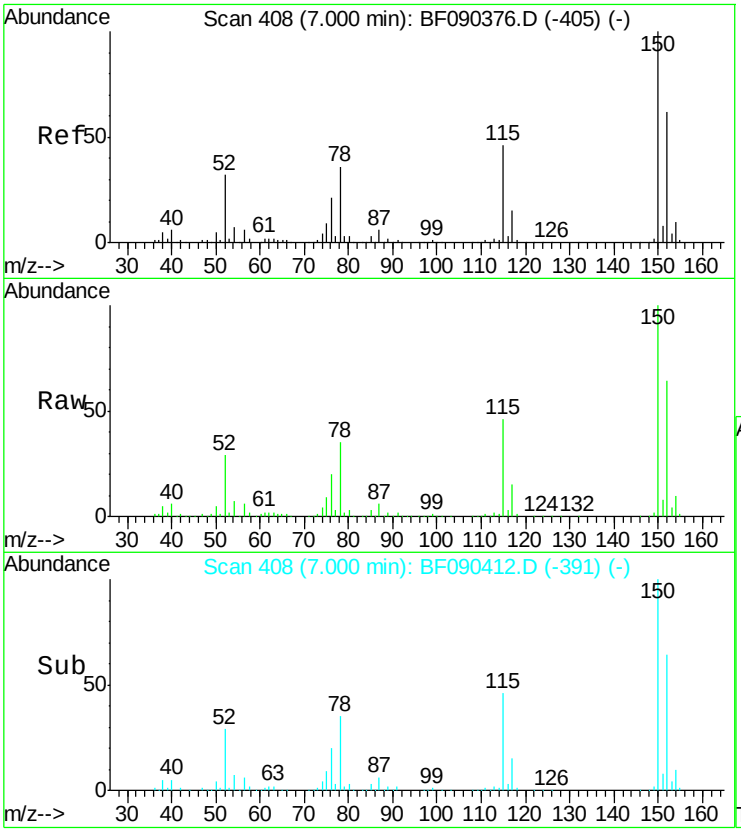
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090412.D
Acq On : 6 Oct 2016 6:12
Operator : UM/SJ
Sample : H5085-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Quant Time: Oct 06 06:42:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration



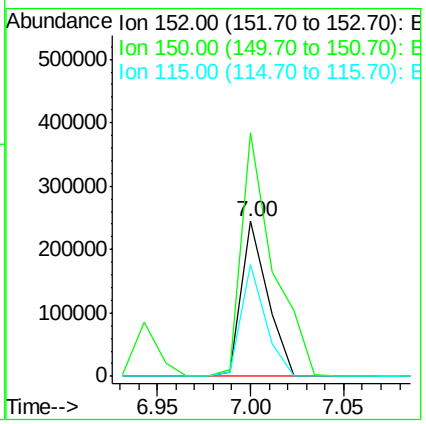


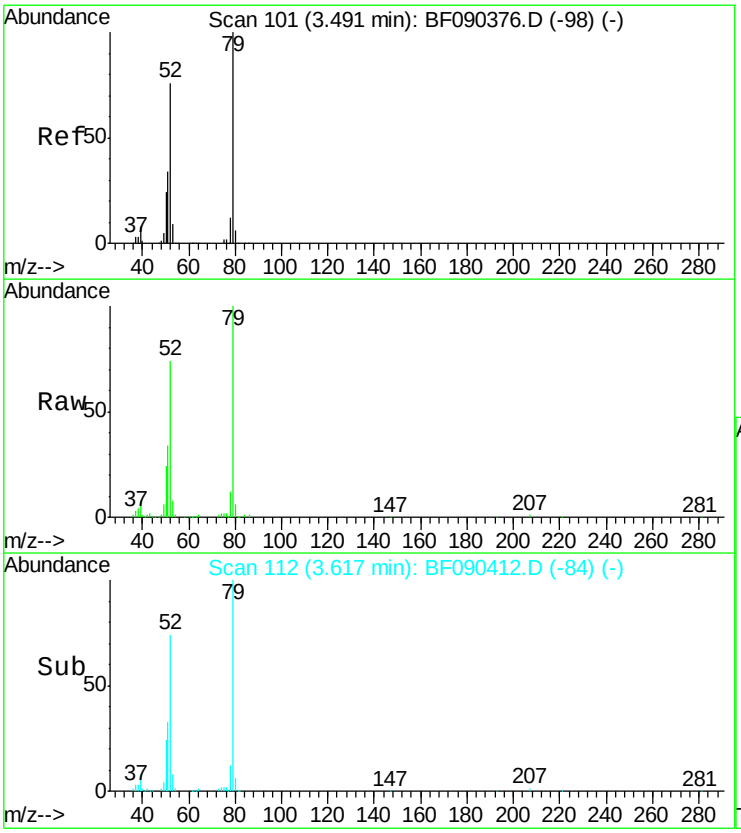
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:152 Resp: 238764

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	72.0	46.2	69.4#

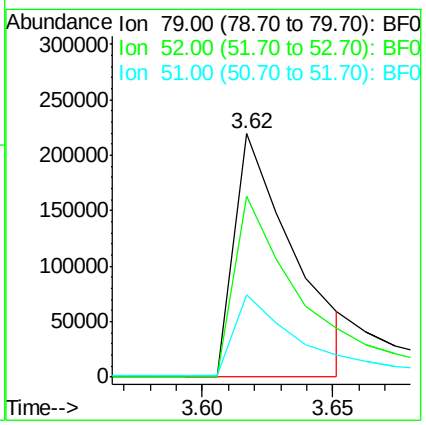


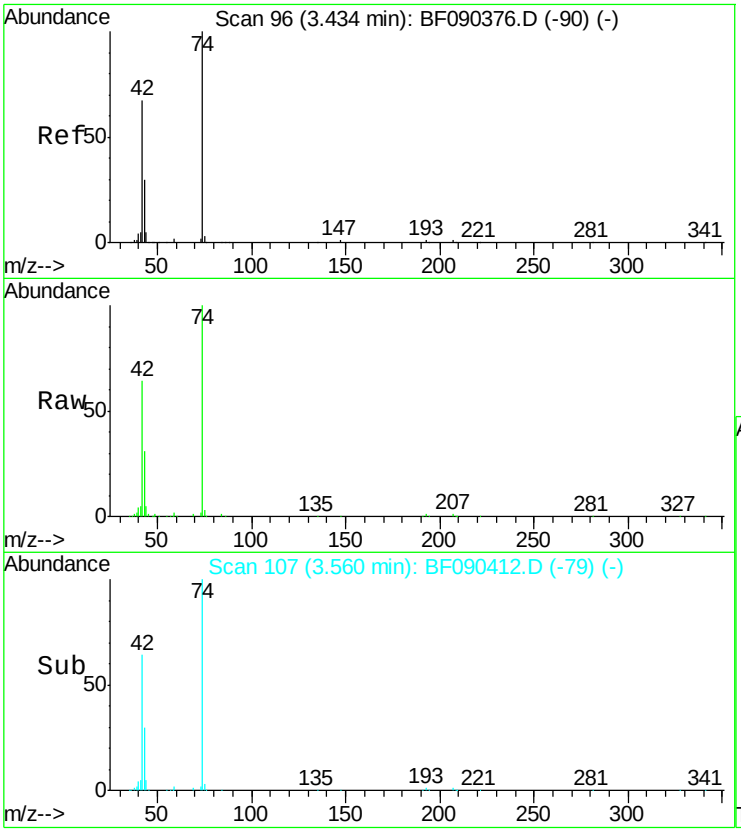


#3
Pyridine
Concen: 16.07 ng
RT: 3.62 min Scan# 112
Delta R.T. 0.13 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 79 Resp: 353297

Ion	Ratio	Lower	Upper
79	100		
52	74.5	71.3	106.9
51	33.8	34.5	51.7#



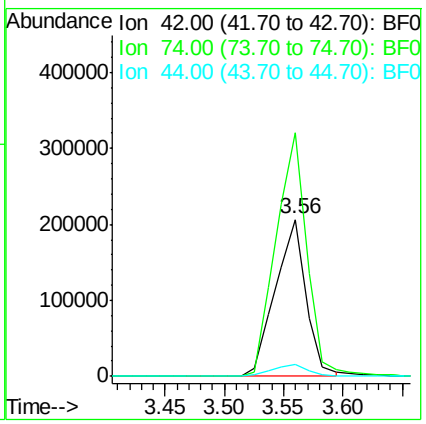


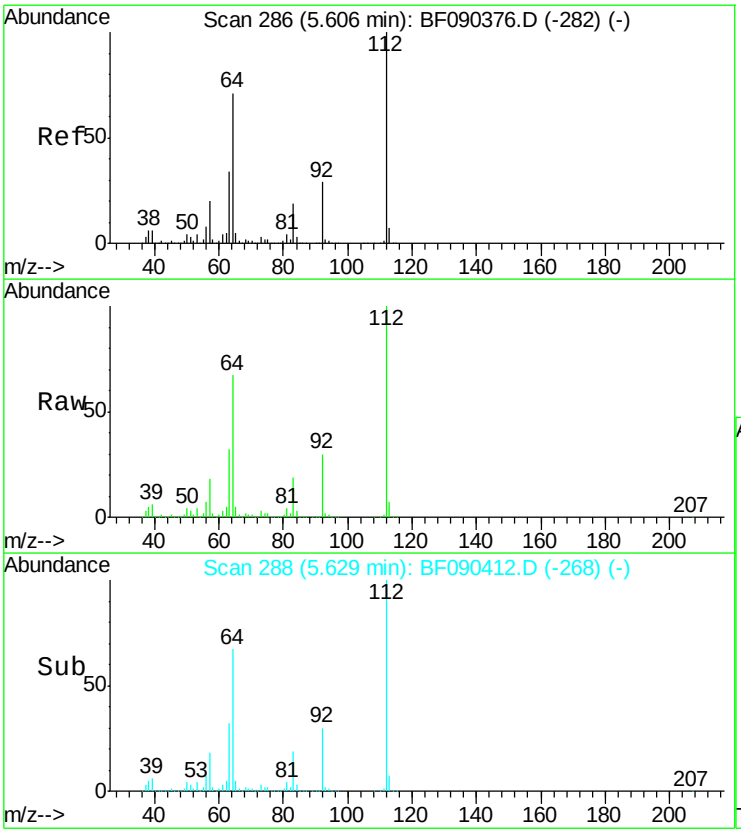
#4
n-Nitrosodimethylamine
Concen: 40.34 ng
RT: 3.56 min Scan# 107
Delta R.T. 0.13 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 42 Resp: 365997

Ion	Ratio	Lower	Upper
42	100		
74	155.3	88.9	133.3#
44	7.9	6.5	9.7

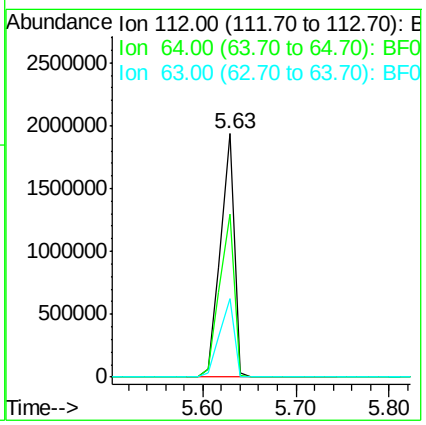


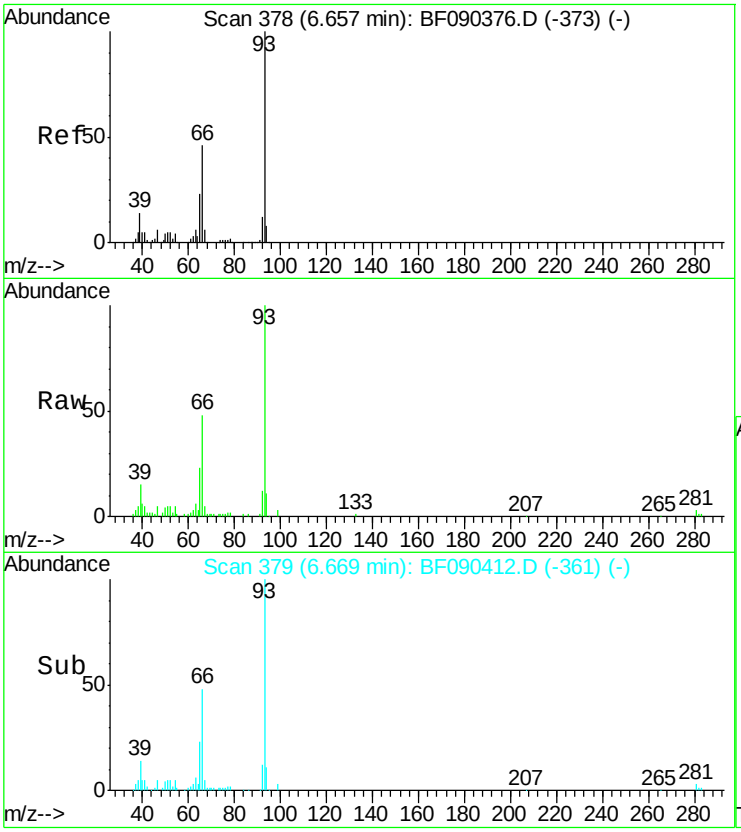


#5
2-Fluorophenol
Concen: 124.52 ng
RT: 5.63 min Scan# 288
Delta R.T. 0.02 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:112 Resp: 1992039

Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.9	86.9
63	32.5	29.6	44.4



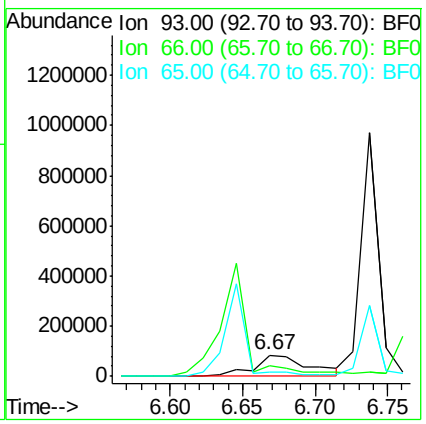


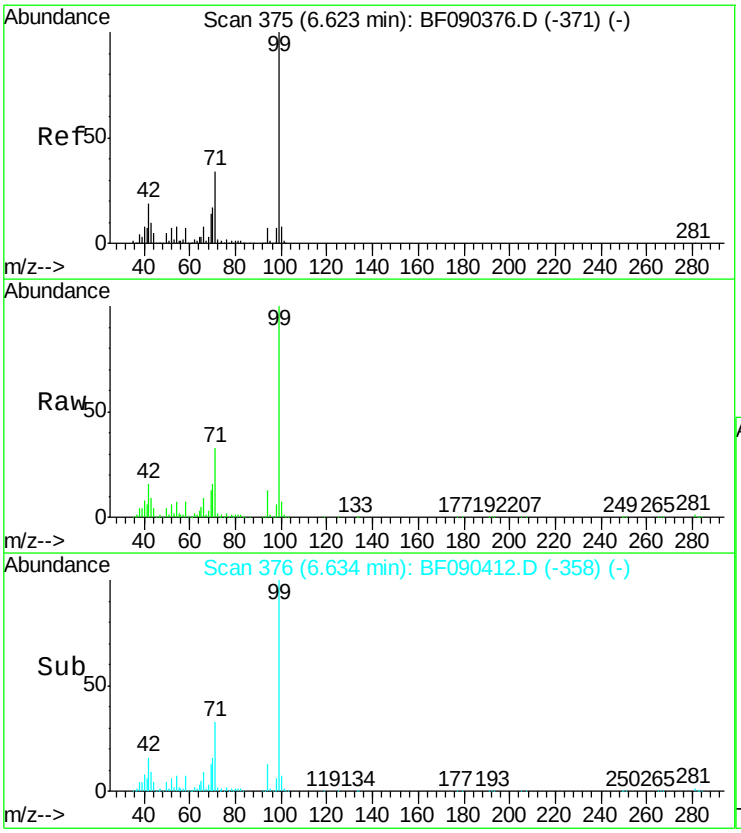
#6
Aniline
Concen: 7.69 ng
RT: 6.67 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 93 Resp: 222503

Ion	Ratio	Lower	Upper
93	100		
66	47.6	34.5	51.7
65	23.2	18.2	27.2

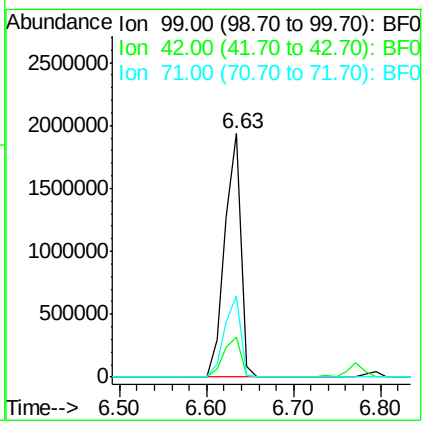


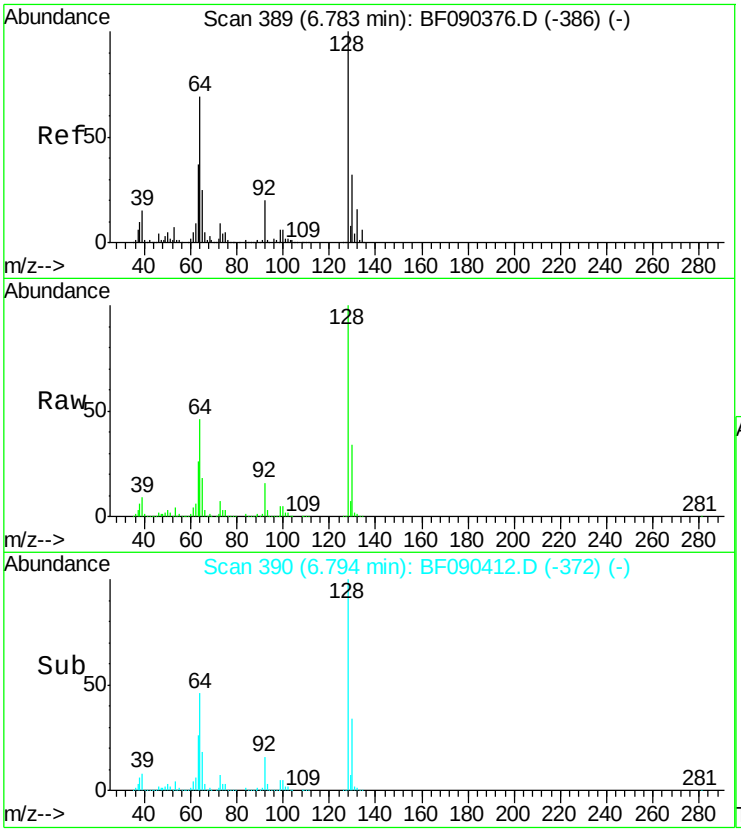


#7
Phenol-d6
Concen: 118.01 ng
RT: 6.63 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 99 Resp: 2472570

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.0	30.0#
71	33.1	27.9	41.9



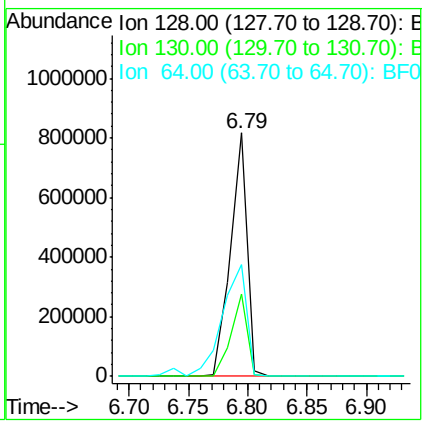


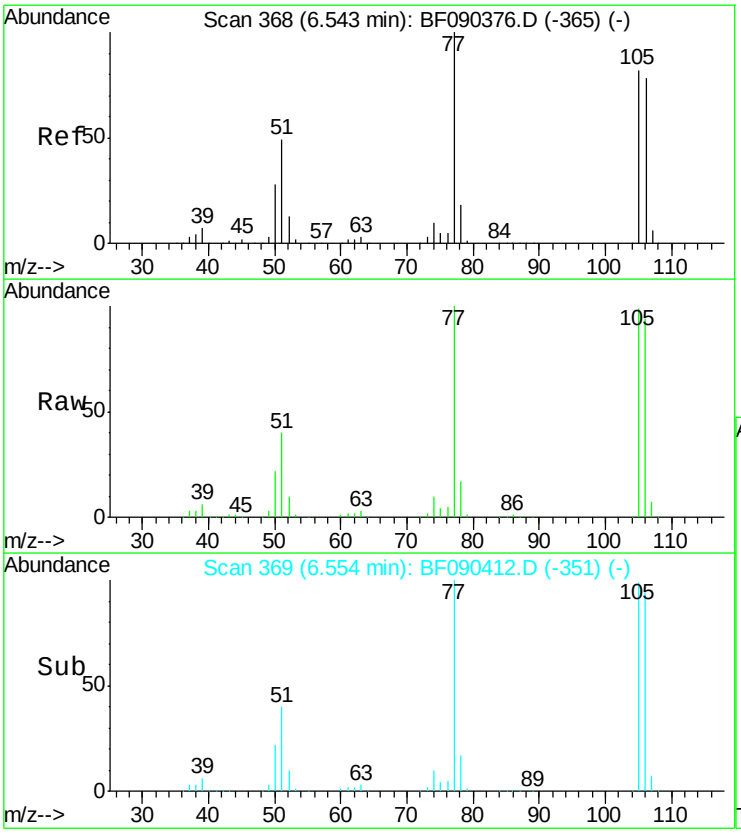
#8
2-Chlorophenol
Concen: 45.13 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:128 Resp: 794482

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.3	53.3
64	45.8	36.0	76.0

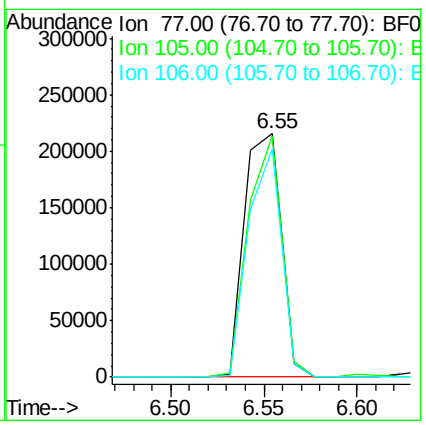


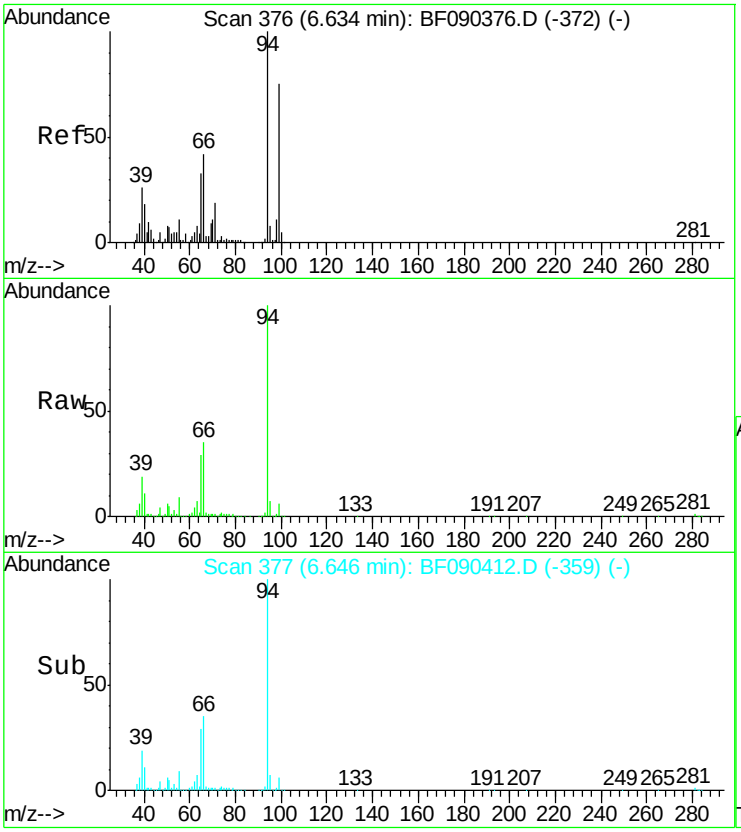


#9
Benzaldehyde
Concen: 27.97 ng
RT: 6.55 min Scan# 369
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 77 Resp: 296231

Ion	Ratio	Lower	Upper
77	100		
105	99.0	73.1	113.1
106	93.6	70.2	110.2



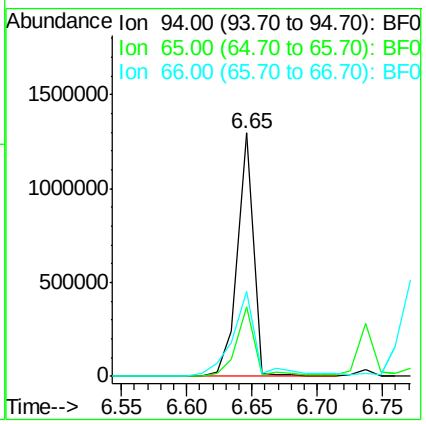


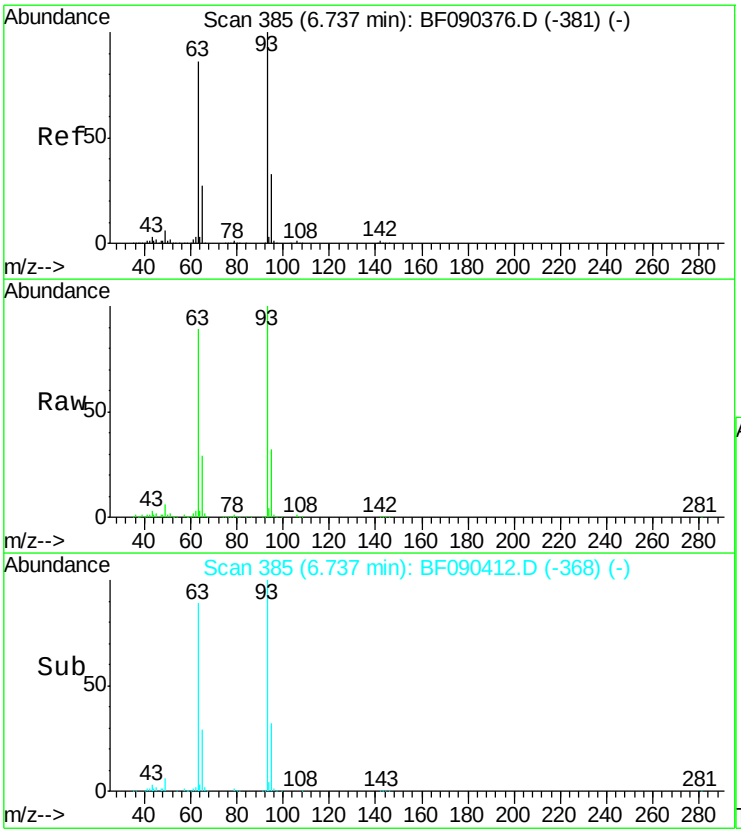
#10
Phenol
Concen: 45.25 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 94 Resp: 1102395

Ion	Ratio	Lower	Upper
94	100		
65	28.6	13.3	53.3
66	34.8	20.4	60.4

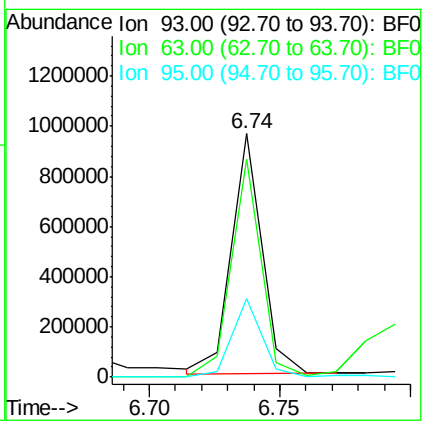


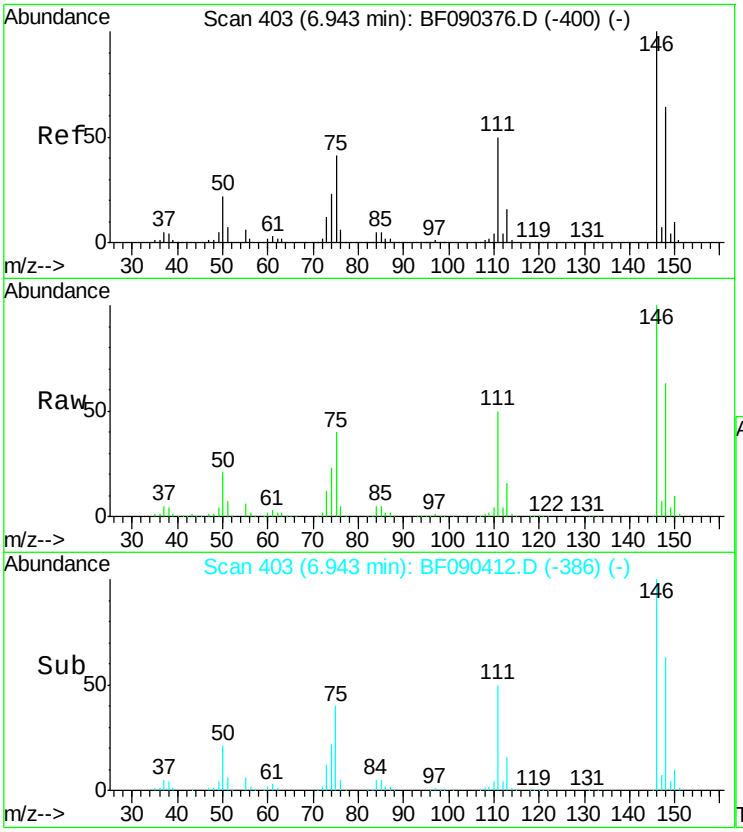


#11
bis(2-Chloroethyl)ether
Concen: 42.35 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 93 Resp: 789861

Ion	Ratio	Lower	Upper
93	100		
63	89.3	59.7	99.7
95	32.4	14.0	54.0



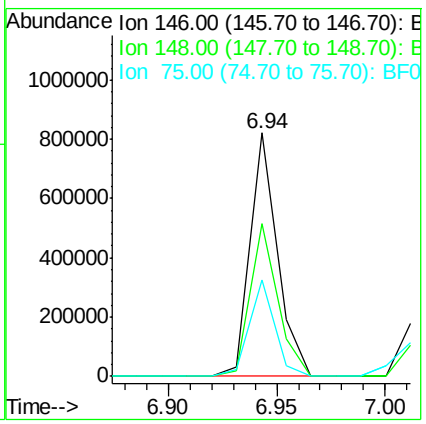


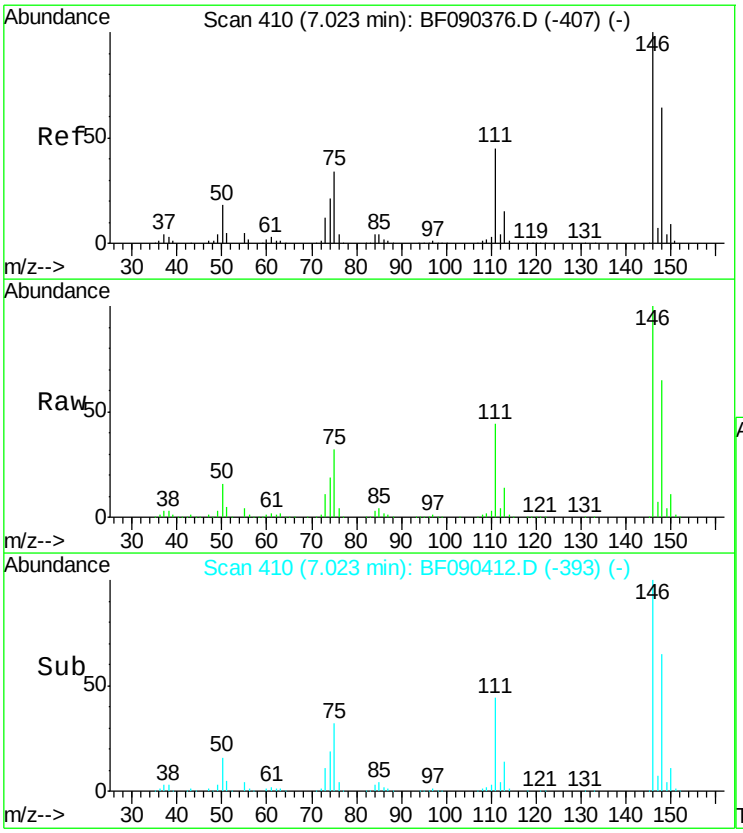
#12
1,3-Dichlorobenzene
Concen: 40.84 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:146 Resp: 716692

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.4
75	39.8	21.4	32.2#

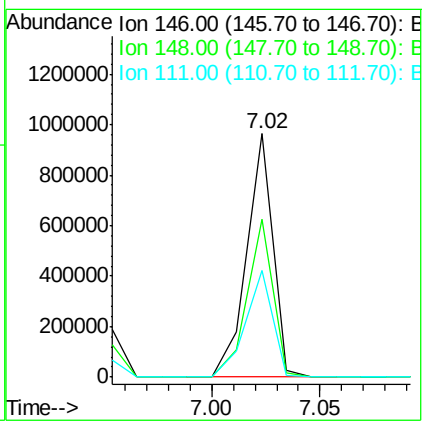


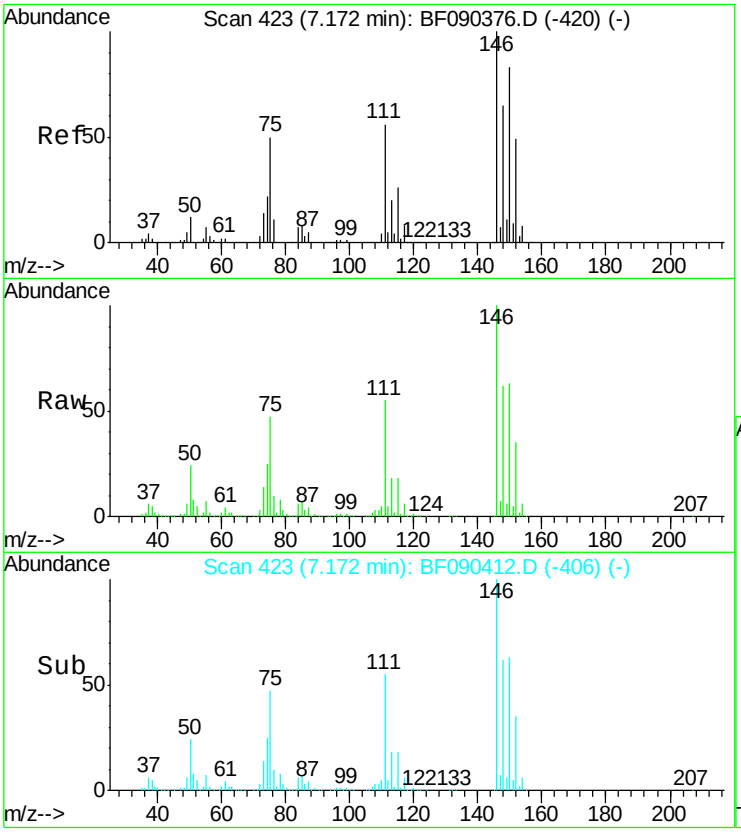


#13
1,4-Dichlorobenzene
Concen: 44.90 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:146 Resp: 800407

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	43.8	37.8	56.6



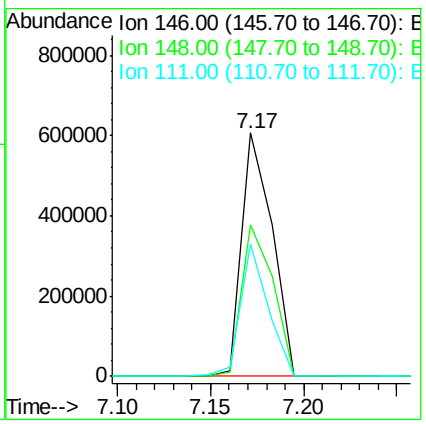


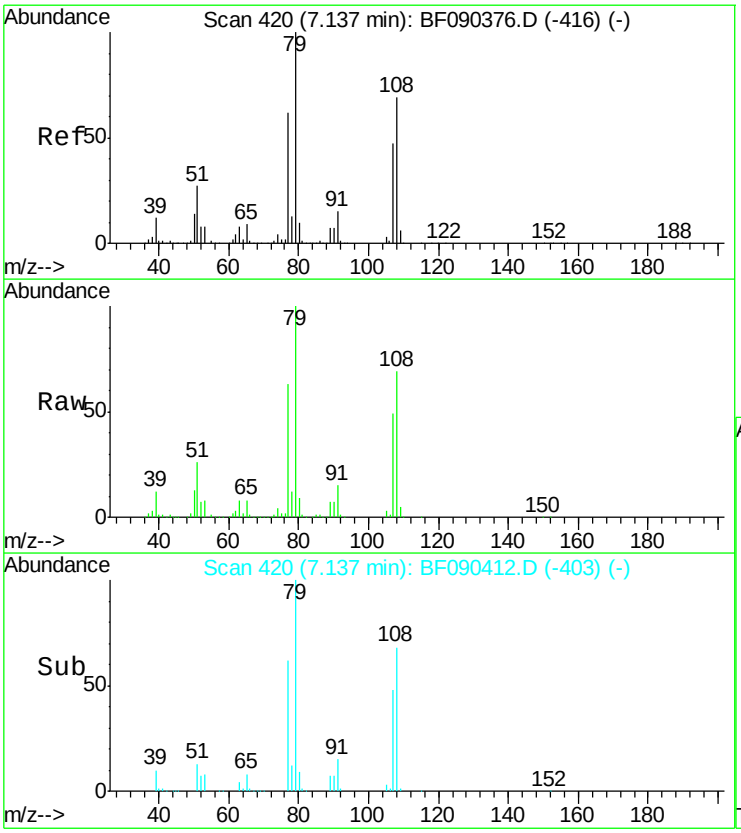
#14
1,2-Dichlorobenzene
Concen: 39.85 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:146 Resp: 684380

Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.3	78.5
111	54.6	38.2	57.4

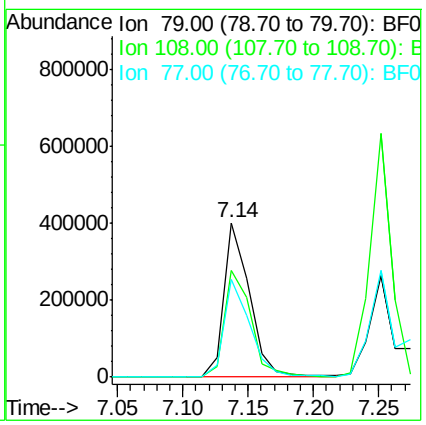


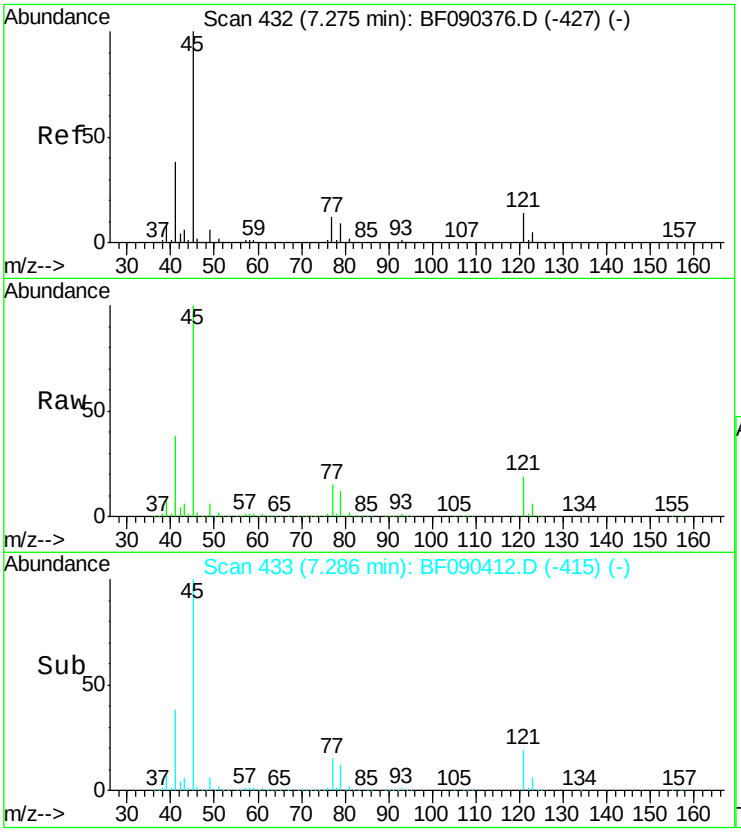


#15
Benzyl Alcohol
Concen: 34.59 ng
RT: 7.14 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 79 Resp: 551019

Ion	Ratio	Lower	Upper
79	100		
108	69.4	60.9	91.3
77	63.0	51.5	77.3



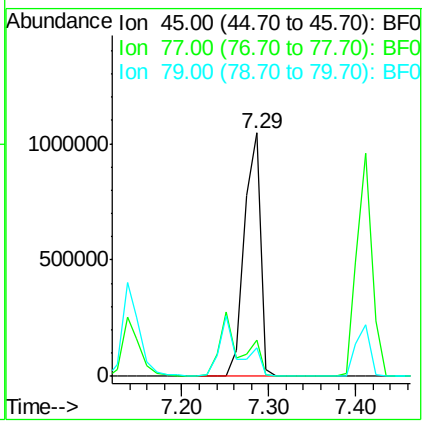


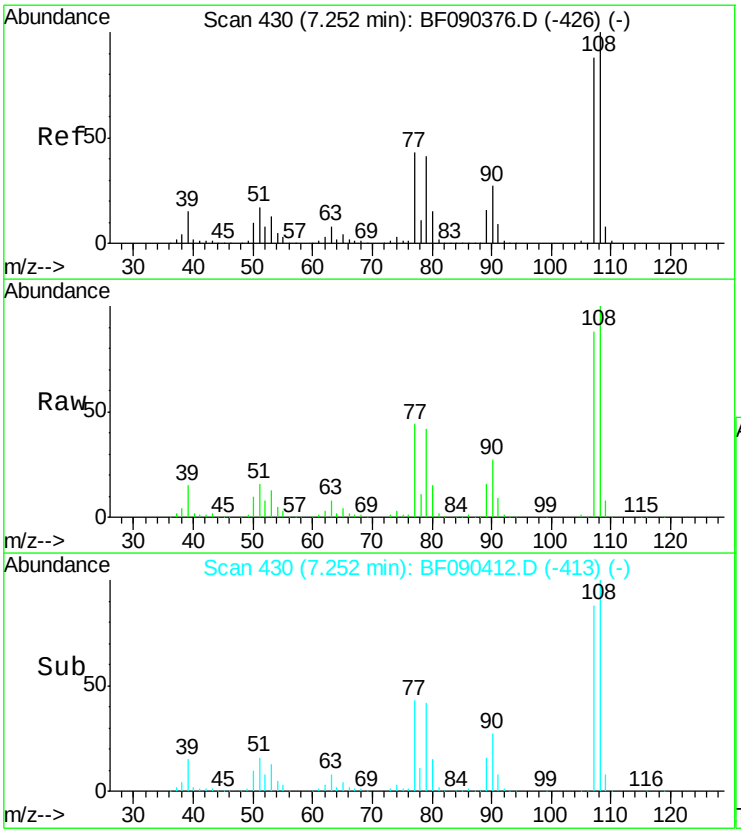
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.60 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 45 Resp: 1347700

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	30.8
79	11.7	0.0	28.2

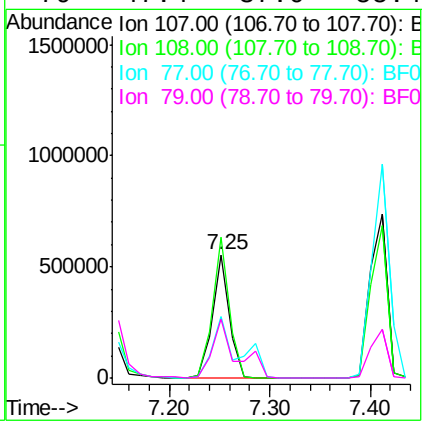


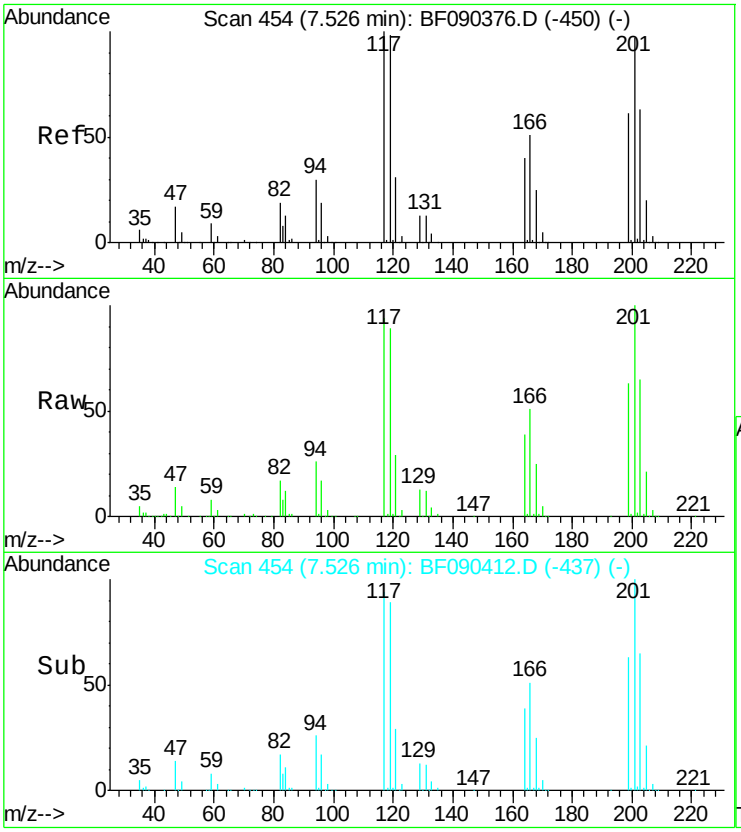


#17
2-Methylphenol
Concen: 44.36 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:107 Resp: 642338

Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	49.6	38.2	57.4
79	47.4	37.0	55.4



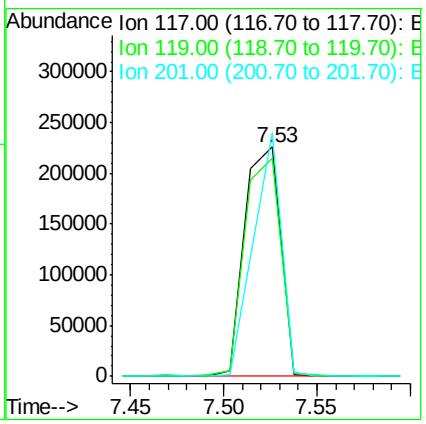


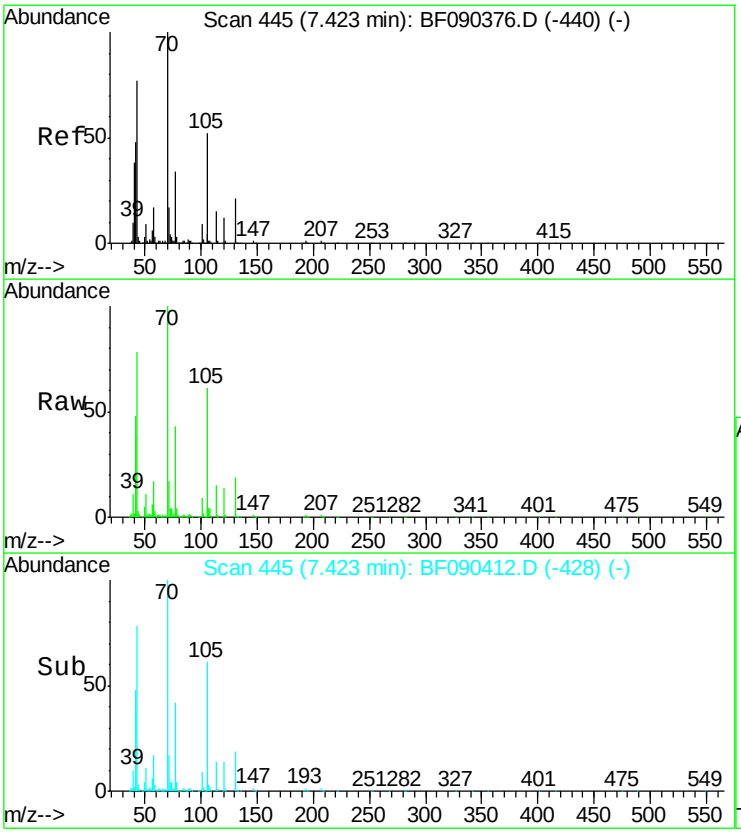
#18
Hexachloroethane
Concen: 42.75 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:117 Resp: 300440

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.9	113.9
201	106.3	66.5	99.7#

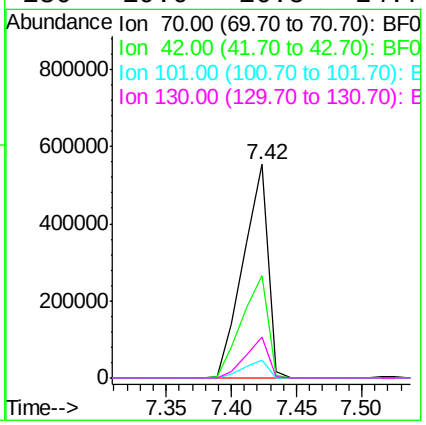


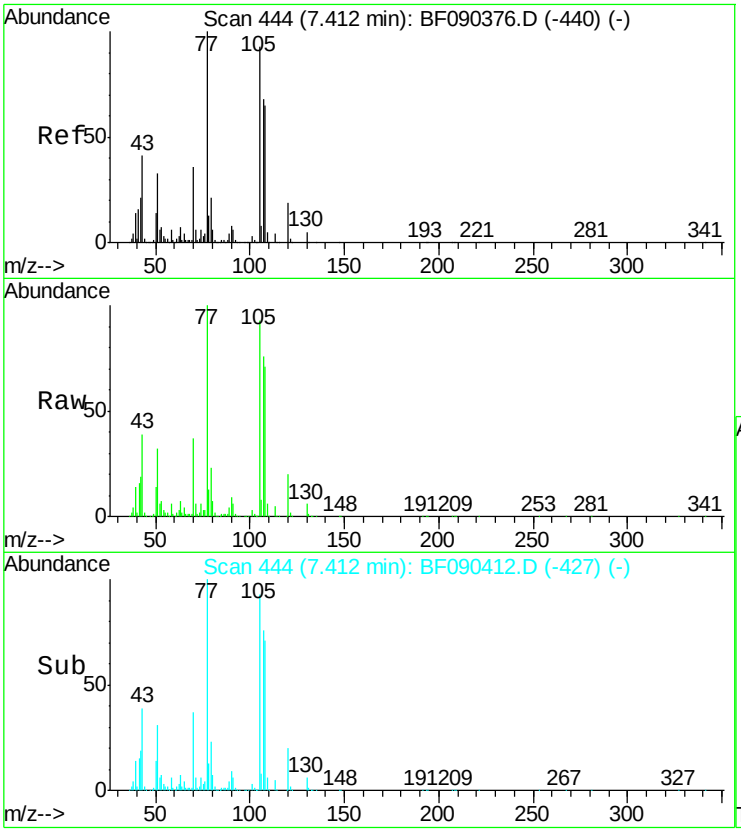


#19
n-Nitroso-di-n-propylamine
Concen: 47.41 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 70 Resp: 728395

Ion	Ratio	Lower	Upper
70	100		
42	47.9	55.4	83.2#
101	8.7	7.6	11.4
130	19.0	16.5	24.7



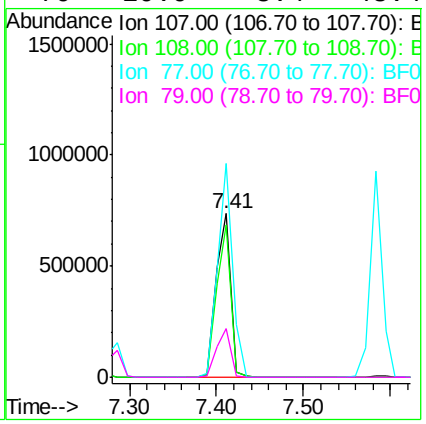


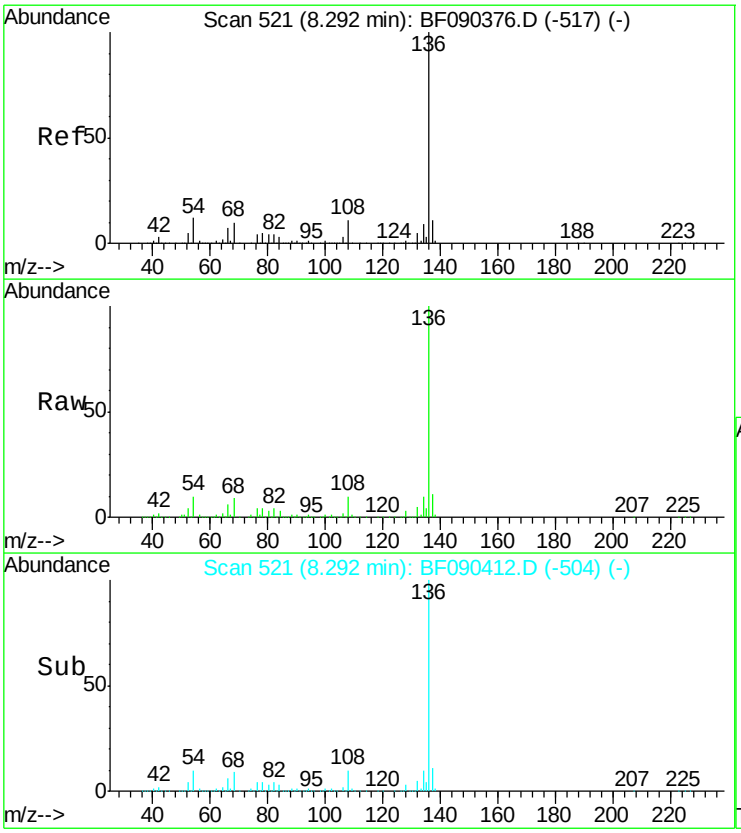
#20
3+4-Methylphenols
Concen: 46.55 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:107 Resp: 872460

Ion	Ratio	Lower	Upper
107	100		
108	93.2	66.7	106.7
77	130.8	53.7	93.7#
79	29.9	8.4	48.4

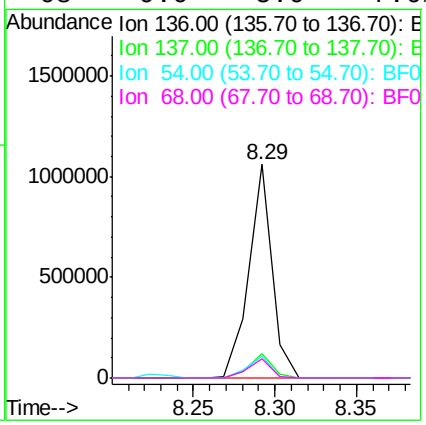


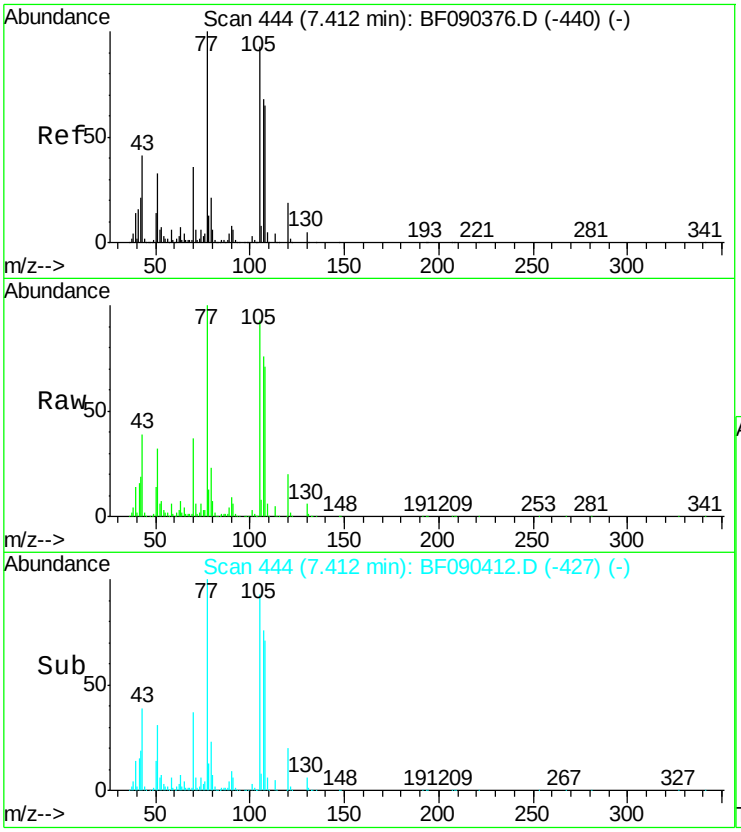


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:136 Resp: 1046674

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.3	6.6	10.0#
68	9.0	5.0	7.6#



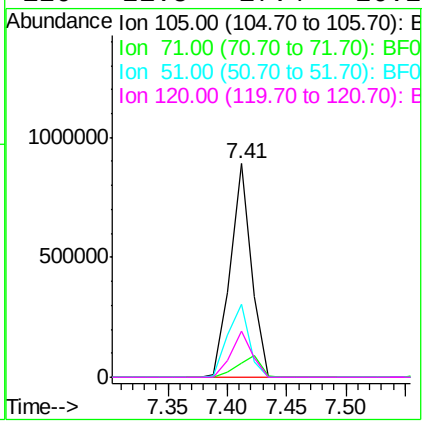


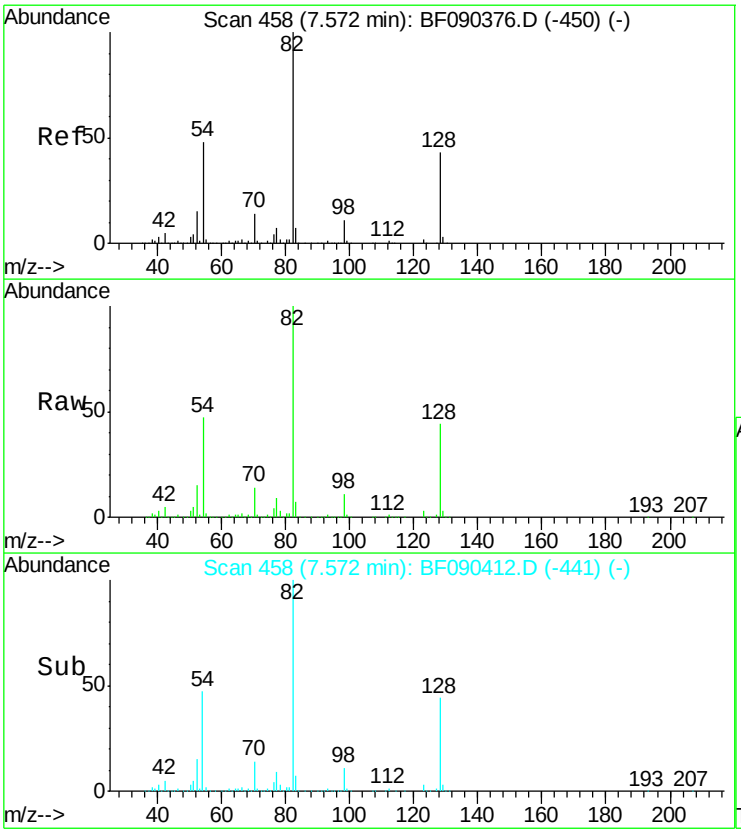
#22
Acetophenone
Concen: 44.06 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:105 Resp: 1092240

Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.8	5.6#
51	34.0	28.2	42.4
120	21.5	17.4	26.2

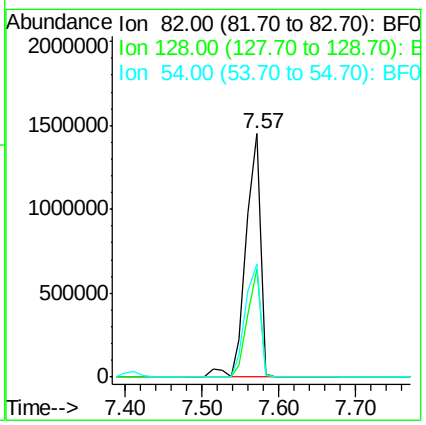


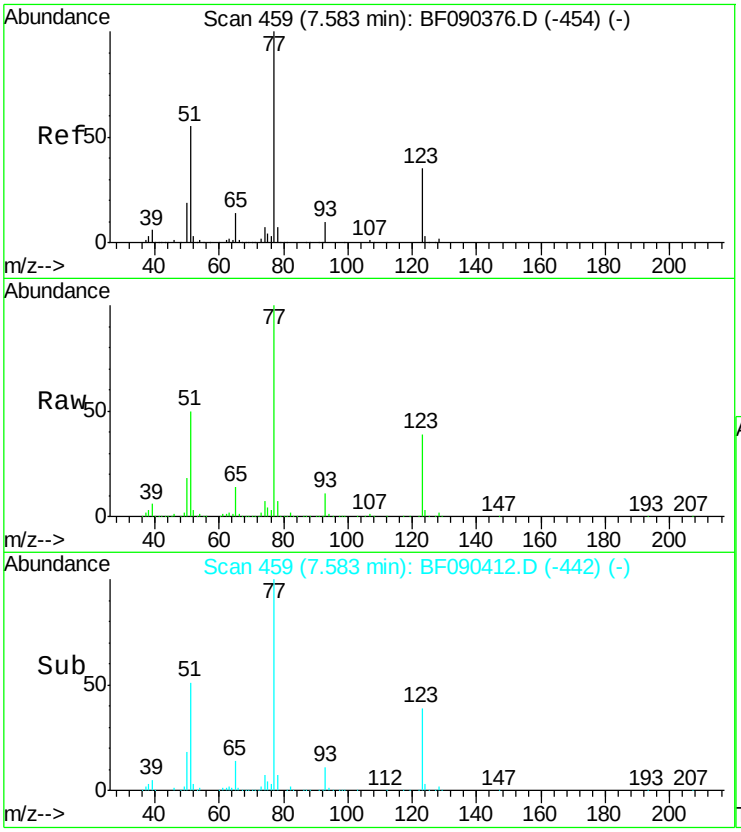


#23
Nitrobenzene-d5
Concen: 88.36 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 82 Resp: 1901312

Ion	Ratio	Lower	Upper
82	100		
128	44.4	40.0	60.0
54	46.6	42.6	64.0



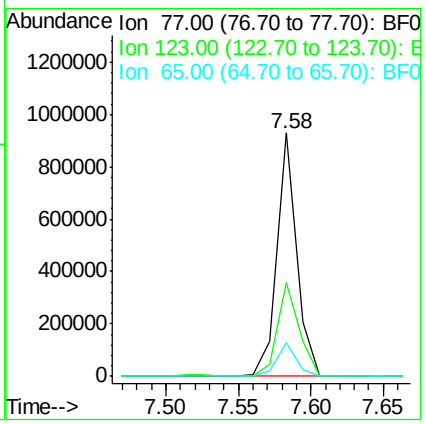


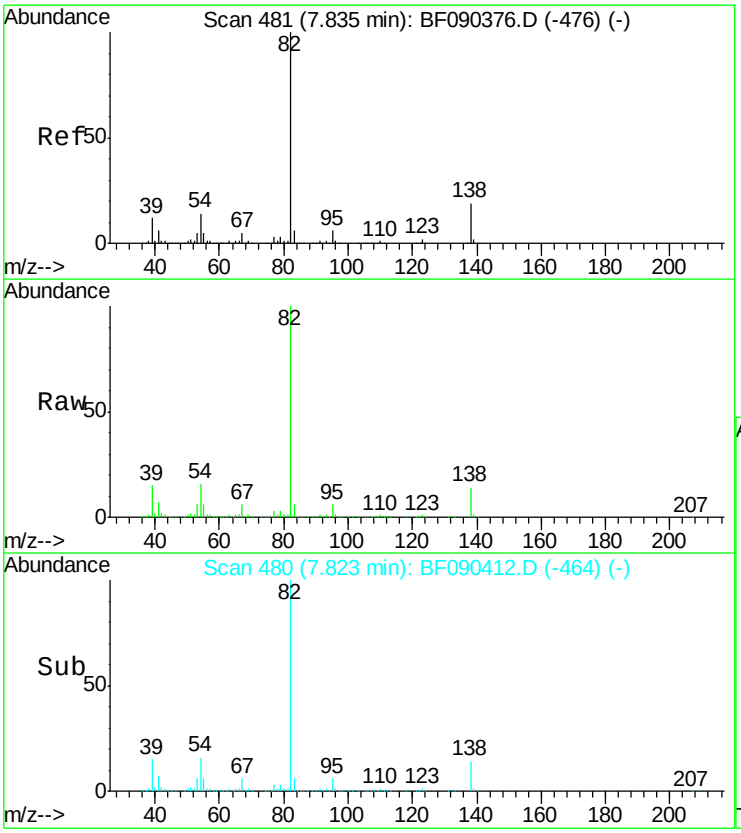
#24
Nitrobenzene
Concen: 40.85 ng
RT: 7.58 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 77 Resp: 872632

Ion	Ratio	Lower	Upper
77	100		
123	38.8	33.0	49.4
65	14.0	12.0	18.0

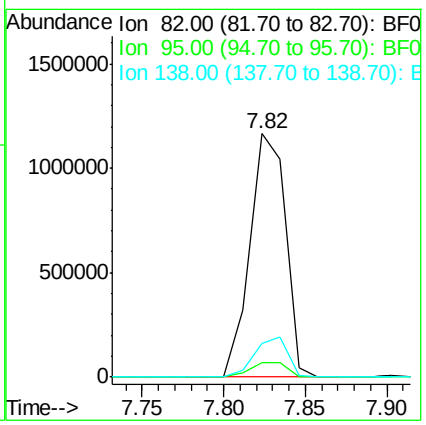


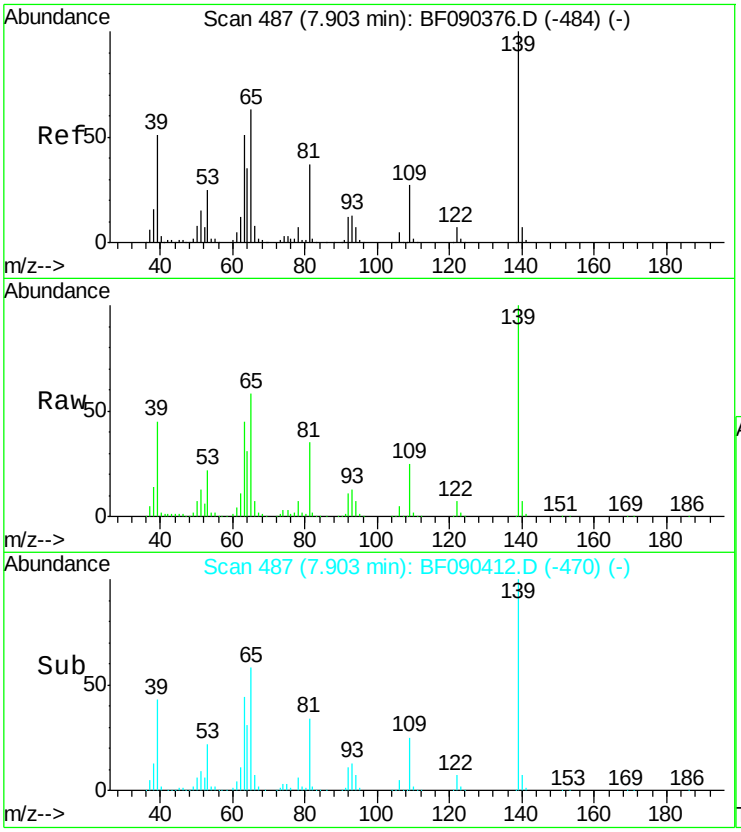


#25
Isophorone
Concen: 44.98 ng
RT: 7.82 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion: 82 Resp: 1769415

Ion	Ratio	Lower	Upper
82	100		
95	6.0	5.2	7.8
138	14.1	13.0	19.4



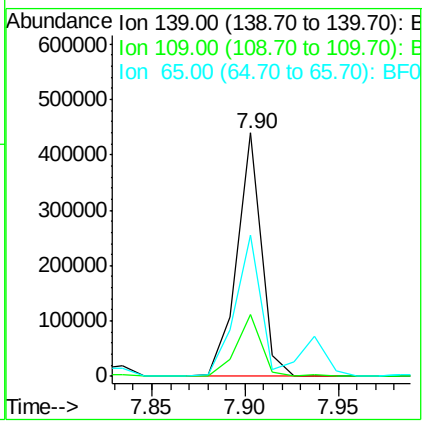


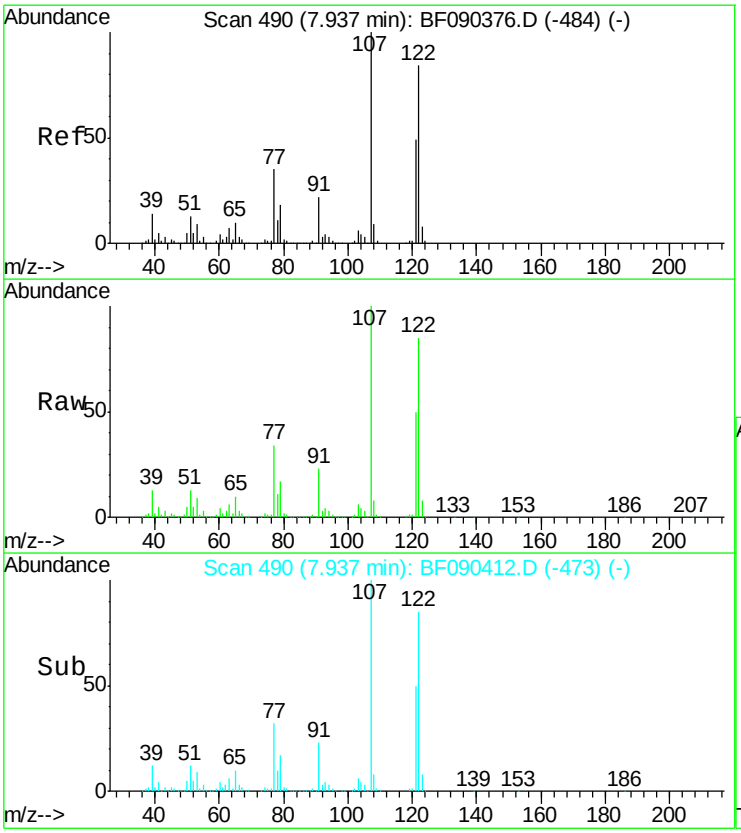
#26
2-Nitrophenol
Concen: 43.93 ng
RT: 7.90 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:139 Resp: 403913

Ion	Ratio	Lower	Upper
139	100		
109	25.4	18.9	28.3
65	58.1	31.6	47.4#

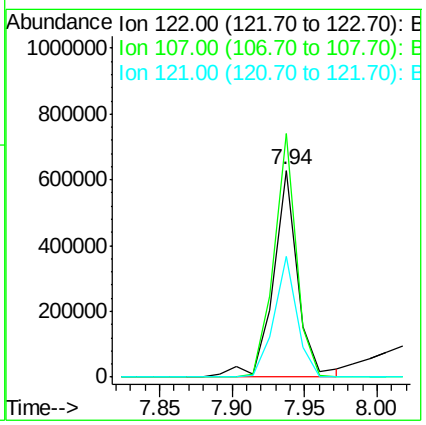


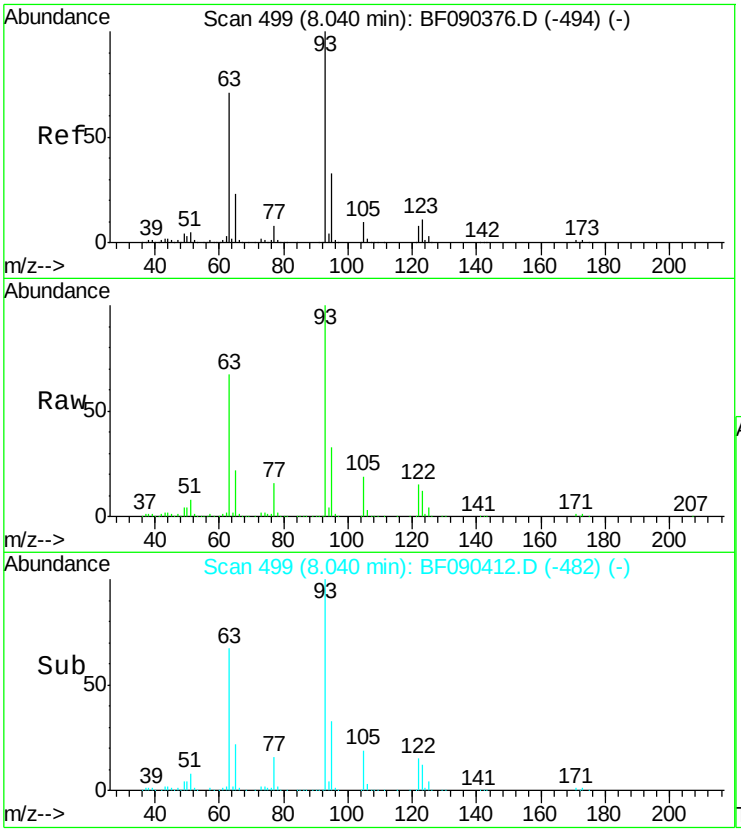


#27
2,4-Dimethylphenol
Concen: 41.35 ng
RT: 7.94 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:122 Resp: 739443

Ion	Ratio	Lower	Upper
122	100		
107	117.7	88.6	132.8
121	58.5	47.5	71.3



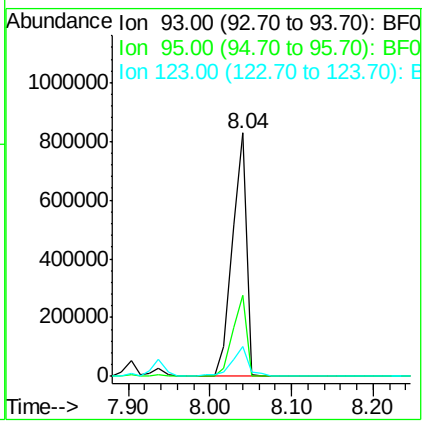


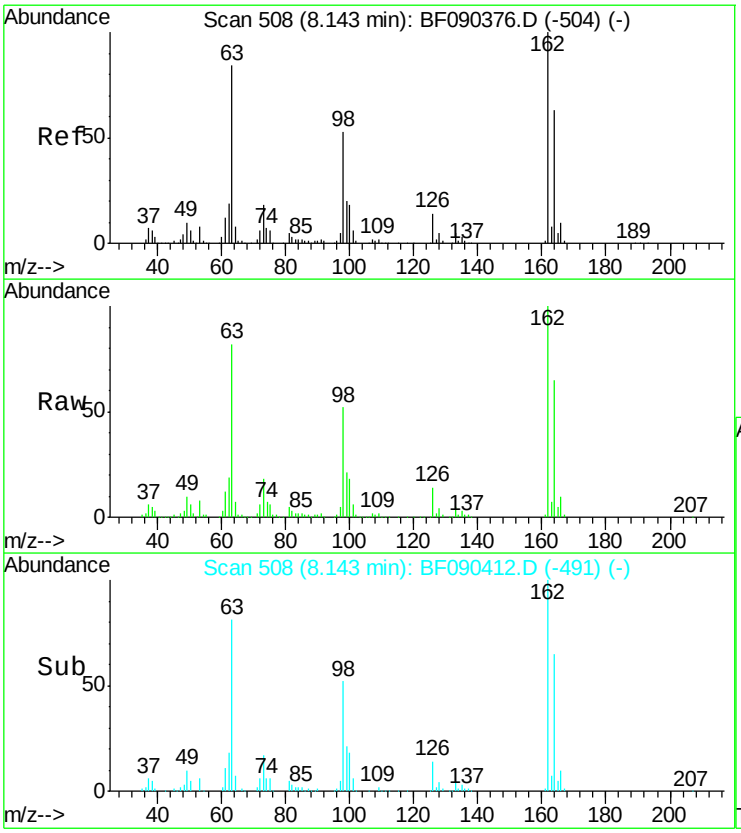
#28
bis(2-Chloroethoxy)methane
Concen: 42.87 ng
RT: 8.04 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 93 Resp: 997365

Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.0	40.4
123	12.1	11.1	16.7

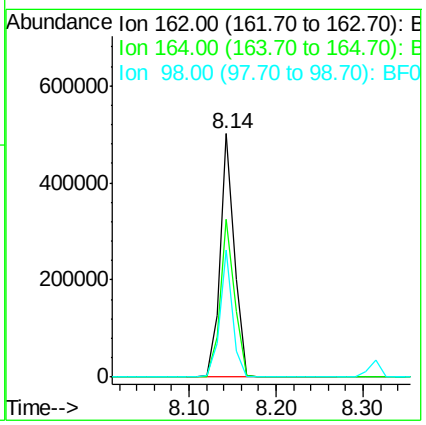


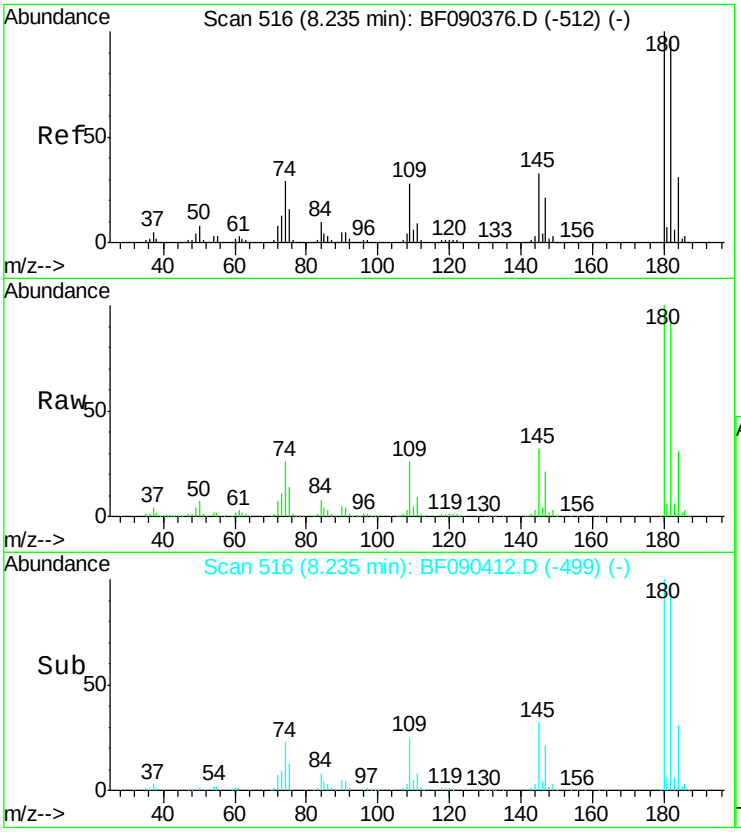


#29
2,4-Dichlorophenol
Concen: 42.56 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:162 Resp: 578634

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.7	85.7
98	52.3	13.3	53.3



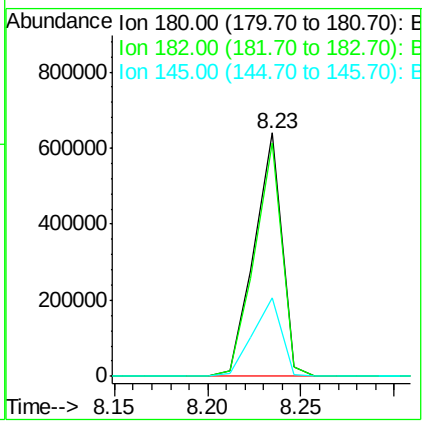


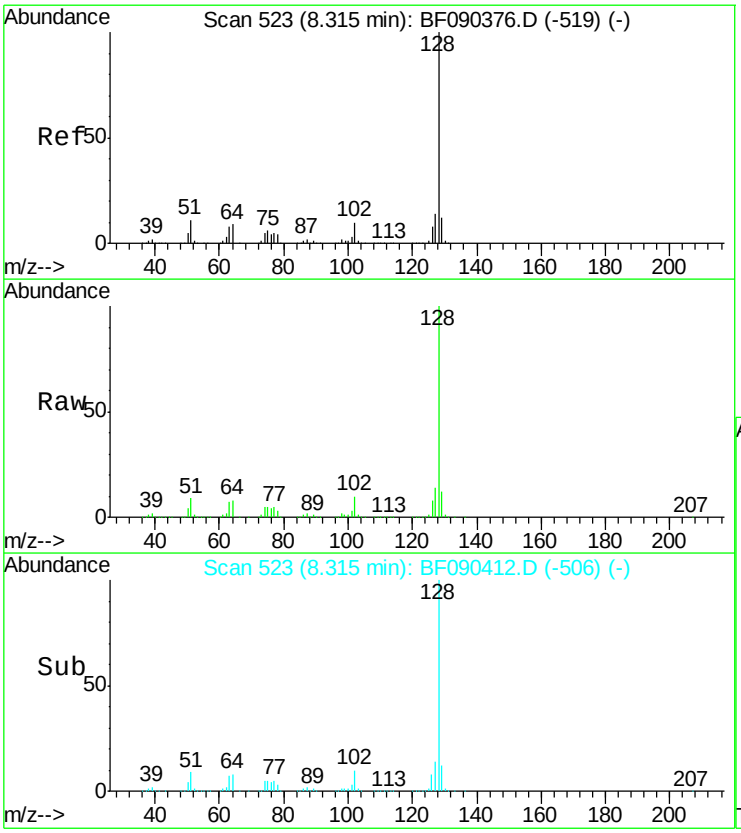
#30
1,2,4-Trichlorobenzene
Concen: 46.73 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:180 Resp: 654720

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.3	112.9
145	32.5	27.7	41.5

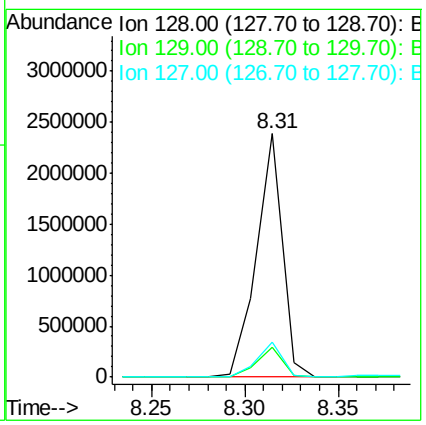


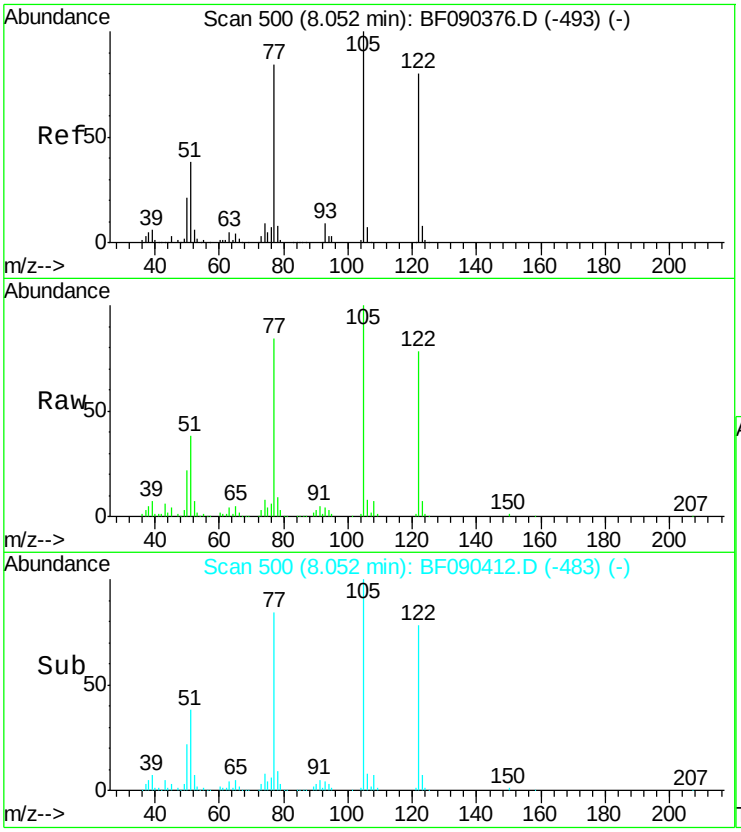


#31
Naphthalene
Concen: 45.20 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:128 Resp: 2282577

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	14.2	11.7	17.5



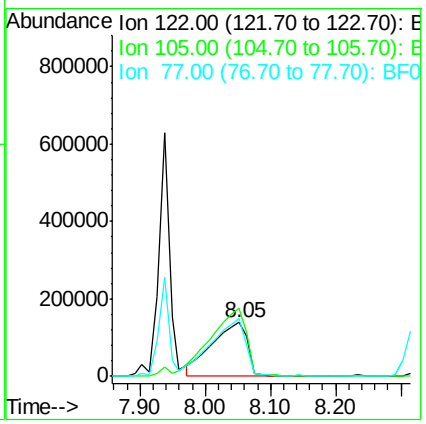


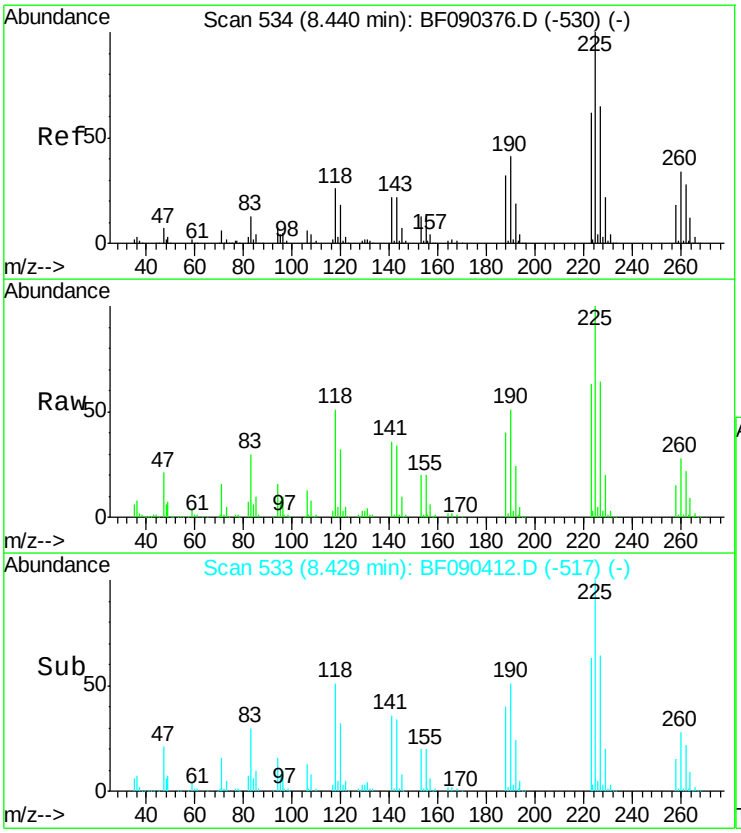
#32
Benzoic acid
Concen: 42.38 ng
RT: 8.05 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:122 Resp: 526821

Ion	Ratio	Lower	Upper
122	100		
105	127.5	103.9	143.9
77	107.1	74.6	114.6

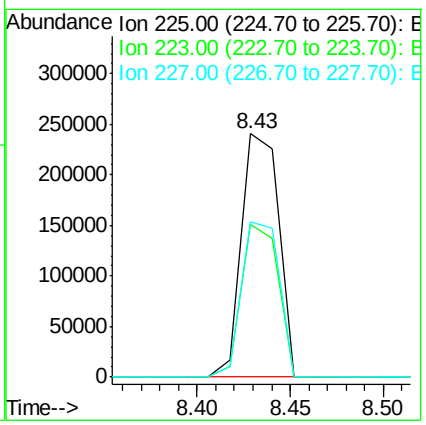


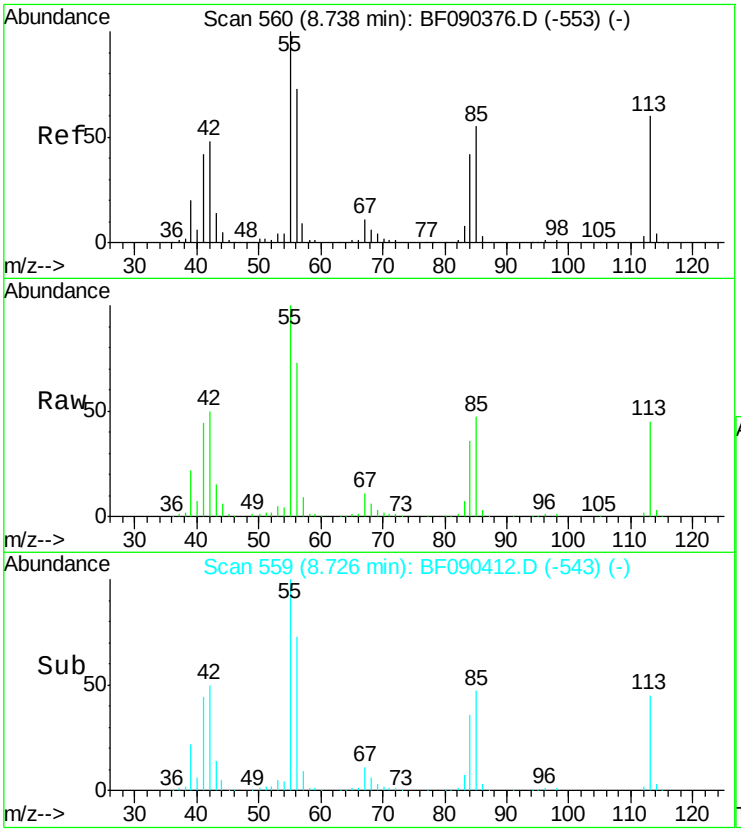


#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:225 Resp: 332141

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	63.6	50.8	76.2



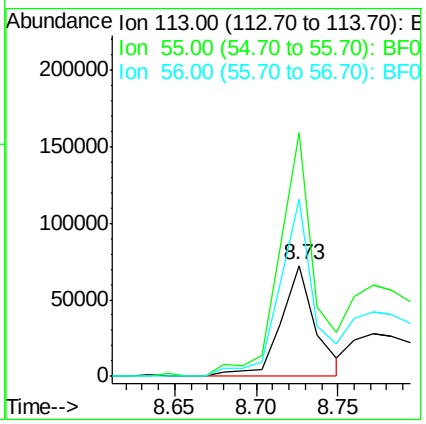


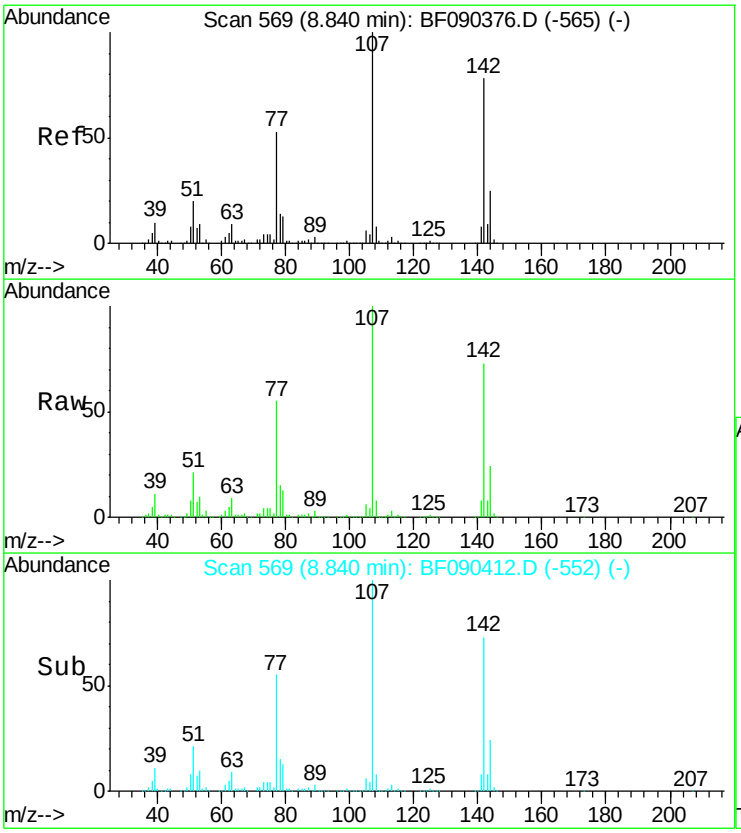
#35
Caprolactam
Concen: 23.42 ng
RT: 8.73 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:113 Resp: 107059

Ion	Ratio	Lower	Upper
113	100		
55	220.0	203.3	243.3
56	159.6	140.5	180.5

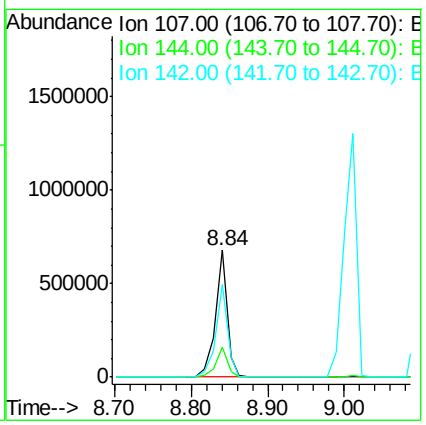


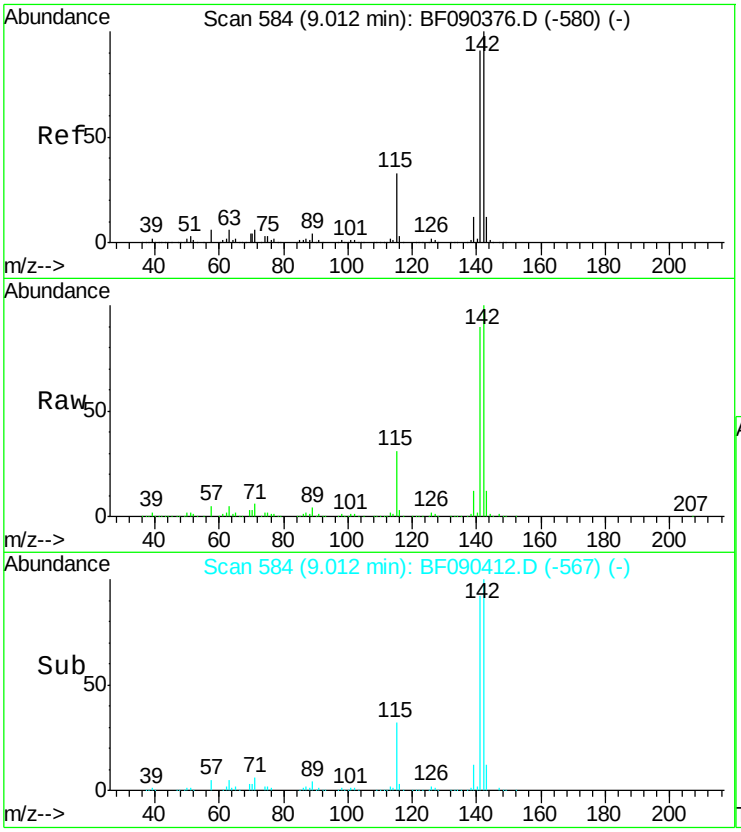


#36
4-Chloro-3-methylphenol
Concen: 42.20 ng
RT: 8.84 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:107 Resp: 718384

Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.8	29.8
142	73.0	60.7	91.1



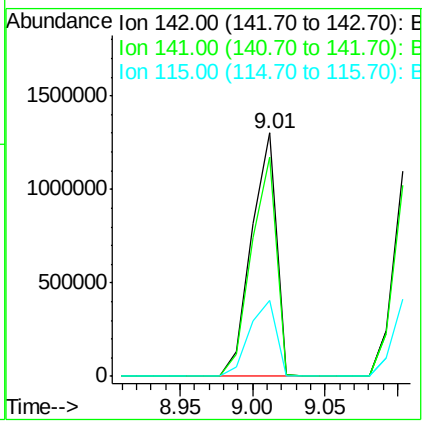


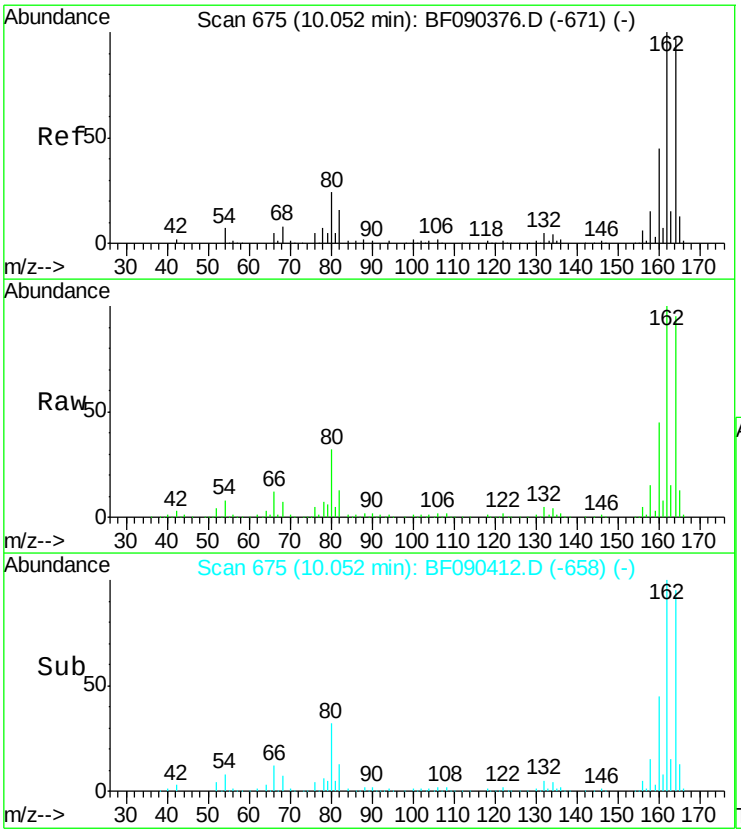
#37
2-Methylnaphthalene
Concen: 50.69 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:142 Resp: 1549459

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.8
115	31.0	28.8	43.2

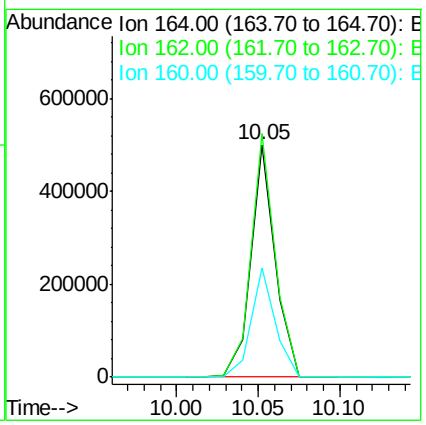


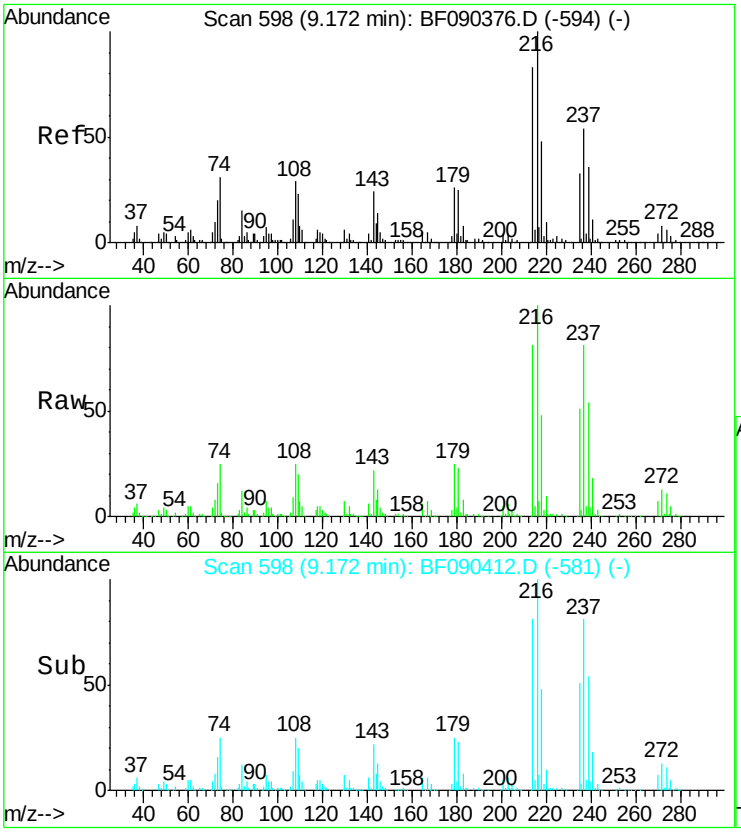


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:164 Resp: 516046

Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.1	120.1
160	46.8	36.3	54.5



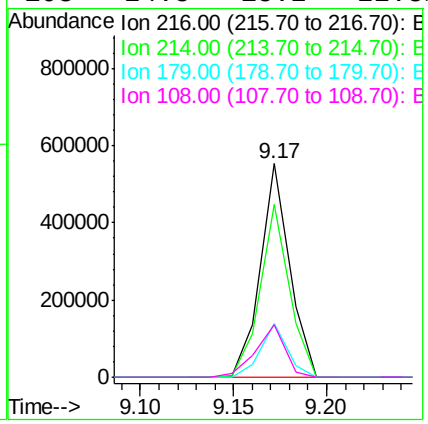


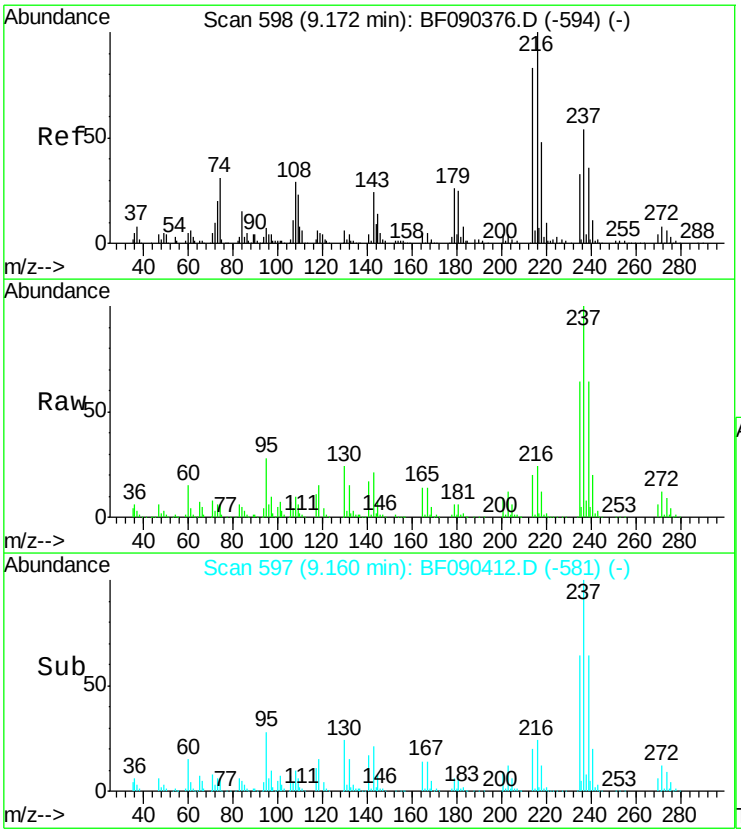
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.14 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:216 Resp: 600540

Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.2
179	23.1	18.0	27.0
108	24.5	15.2	22.8#

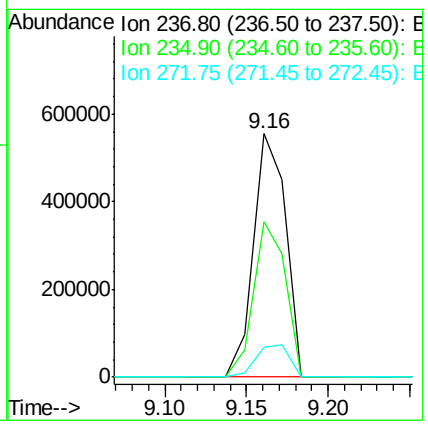


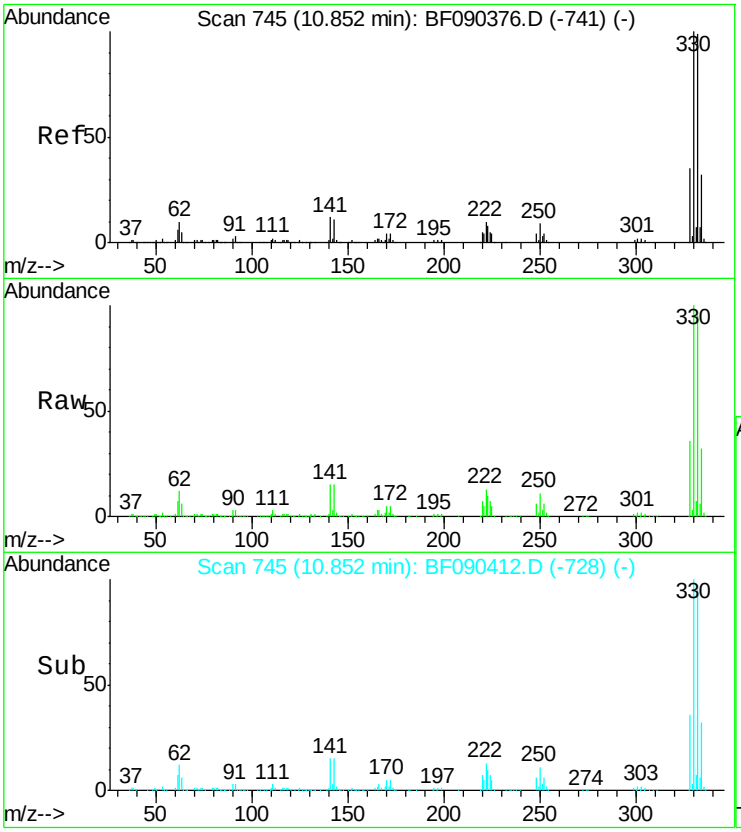


#40
Hexachlorocyclopentadiene
Concen: 101.56 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:237 Resp: 757394

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.6	83.6
272	12.1	0.0	32.7



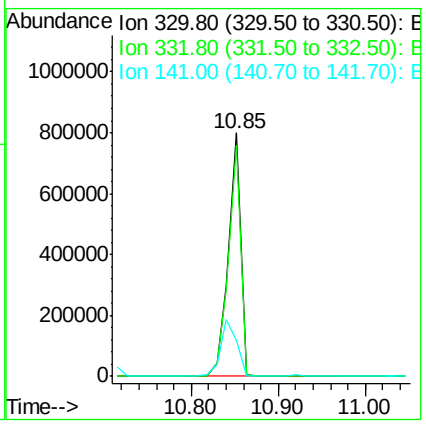


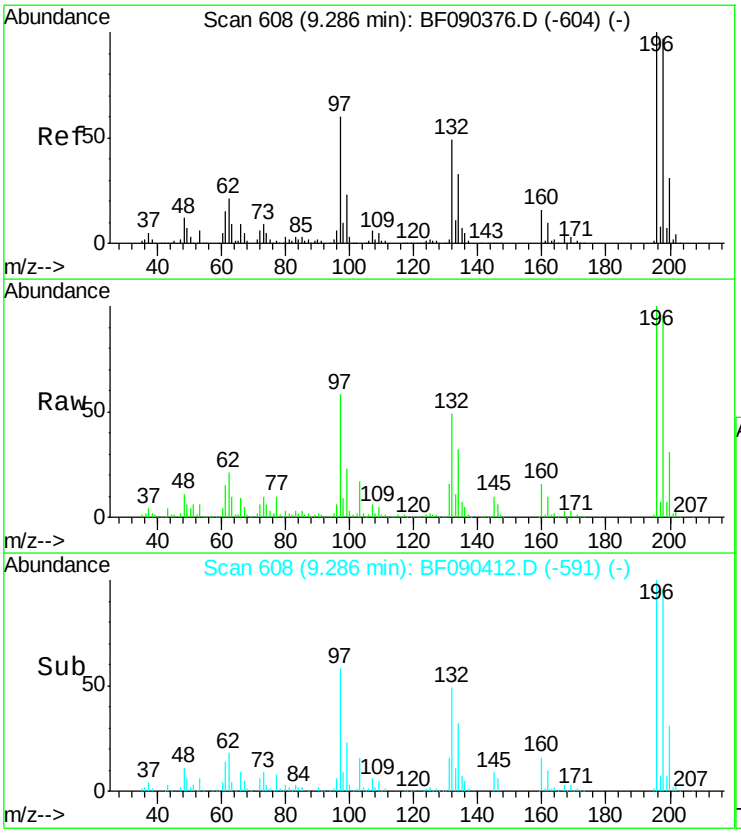
#41
2,4,6-Tribromophenol
Concen: 188.80 ng
RT: 10.85 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:330 Resp: 792214

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.0
141	30.7	26.9	40.3

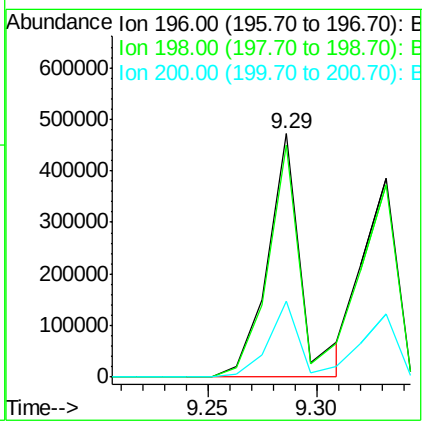


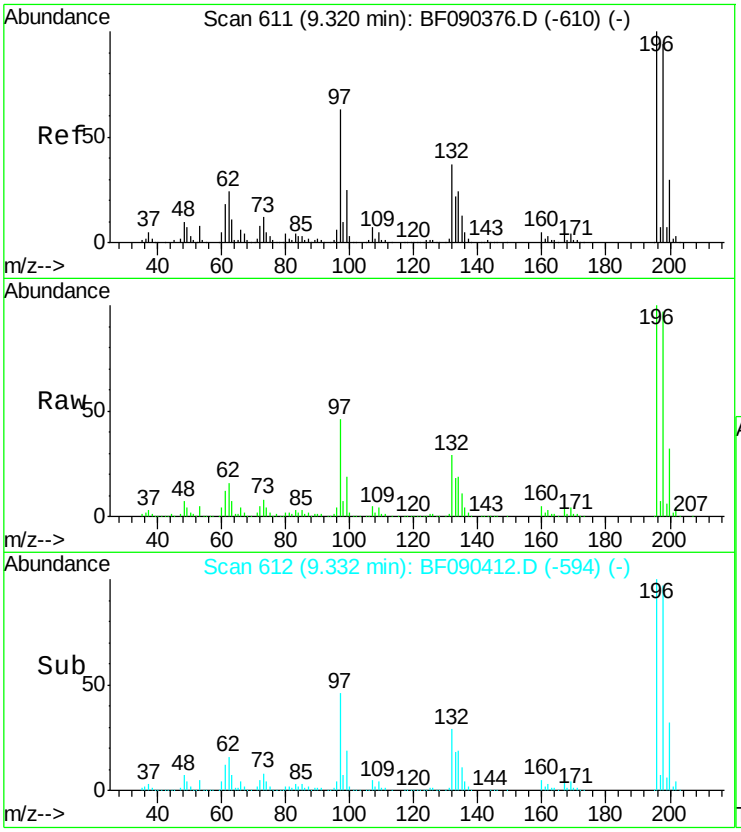


#42
2,4,6-Trichlorophenol
Concen: 53.88 ng
RT: 9.29 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:196 Resp: 505871

Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.9	118.3
200	31.3	25.4	38.2



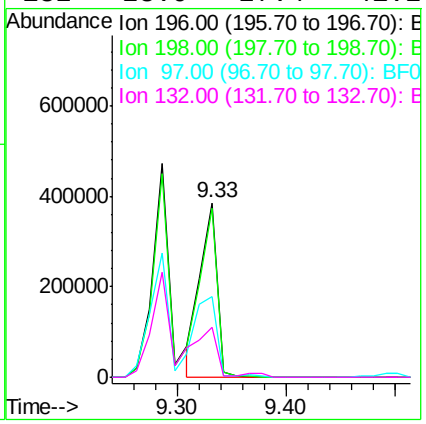


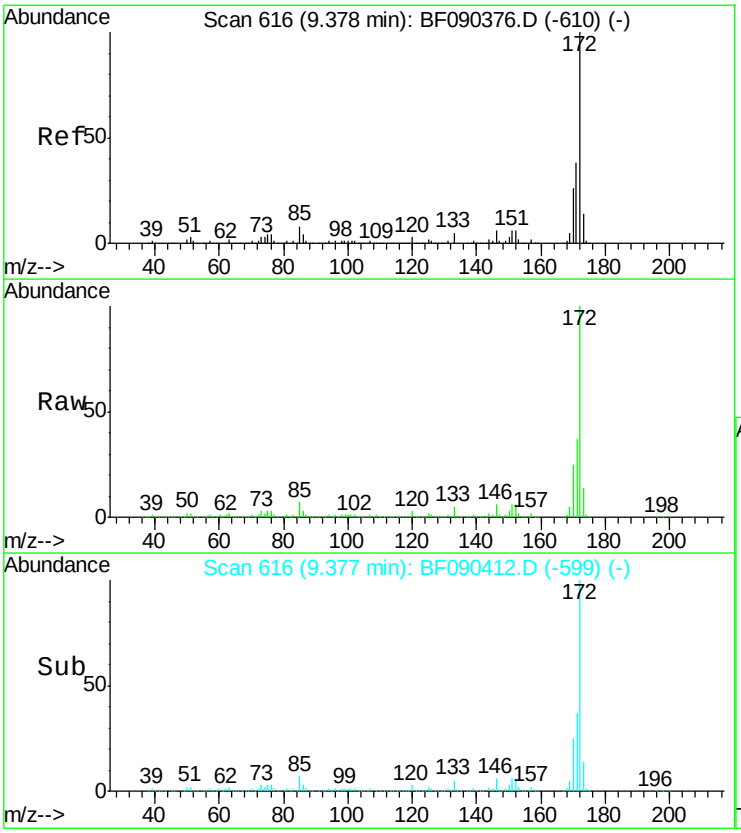
#43
2,4,5-Trichlorophenol
Concen: 48.07 ng
RT: 9.33 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:196 Resp: 426708

Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.1	117.1
97	46.3	48.1	72.1#
132	28.9	27.4	41.2

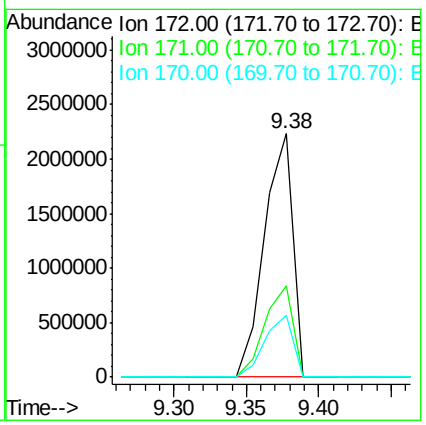


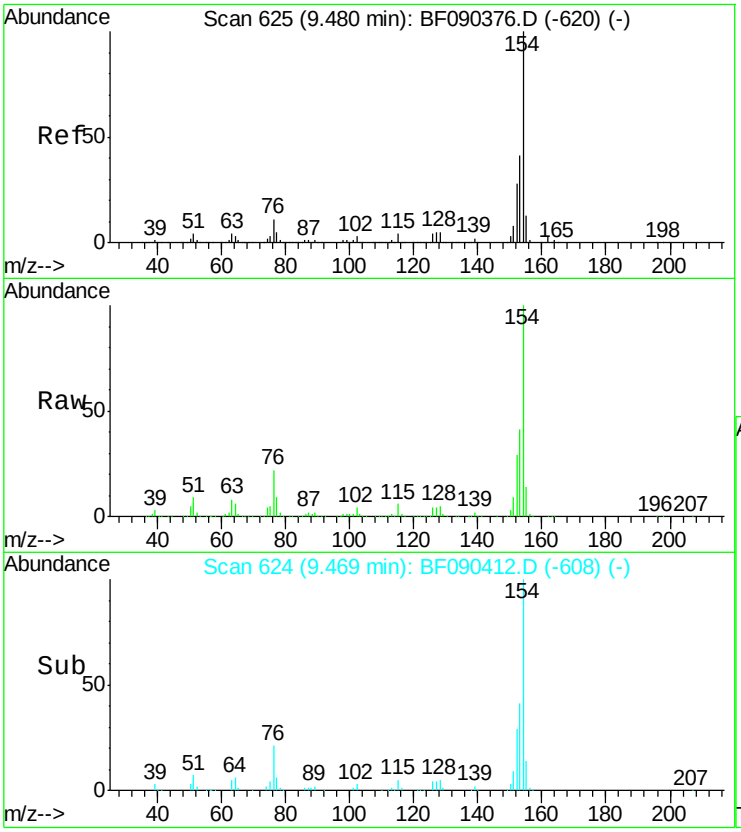


#44
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:172 Resp: 3023833

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.8	47.8
170	25.5	21.7	32.5



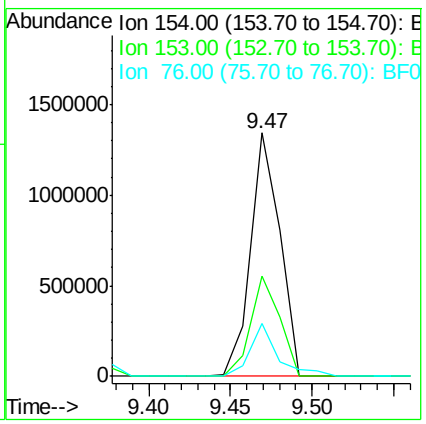


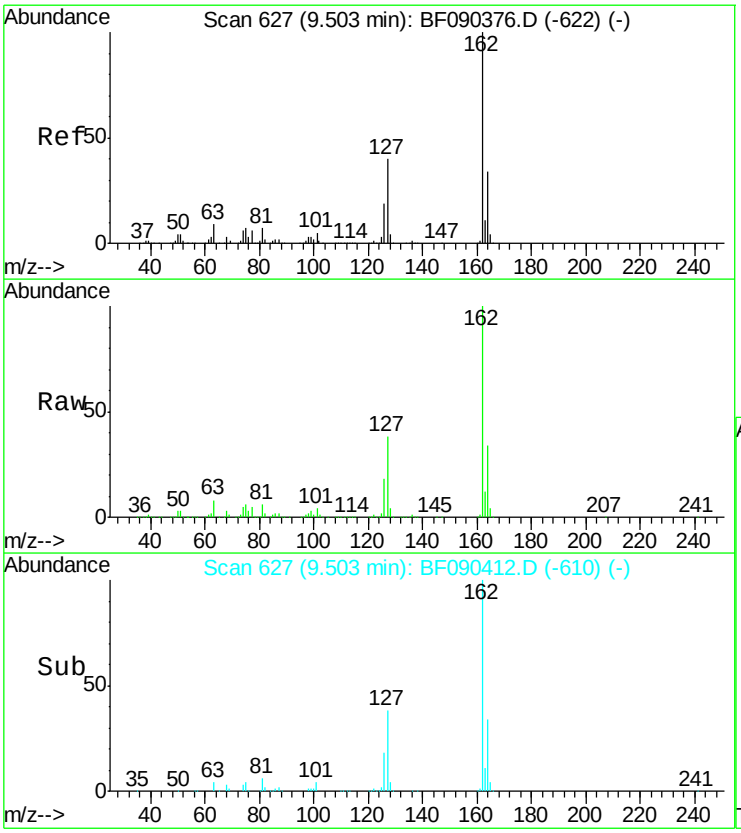
#45
1,1'-Biphenyl
Concen: 43.80 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:154 Resp: 1674813

Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.8	63.8
76	21.8	0.0	35.8

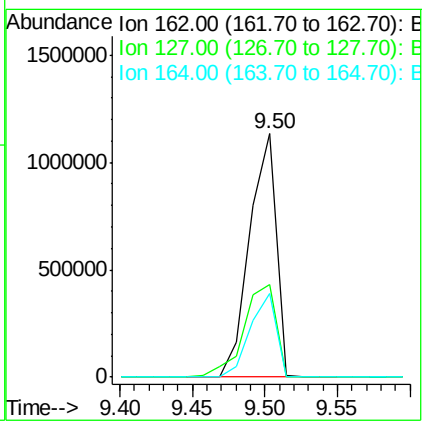


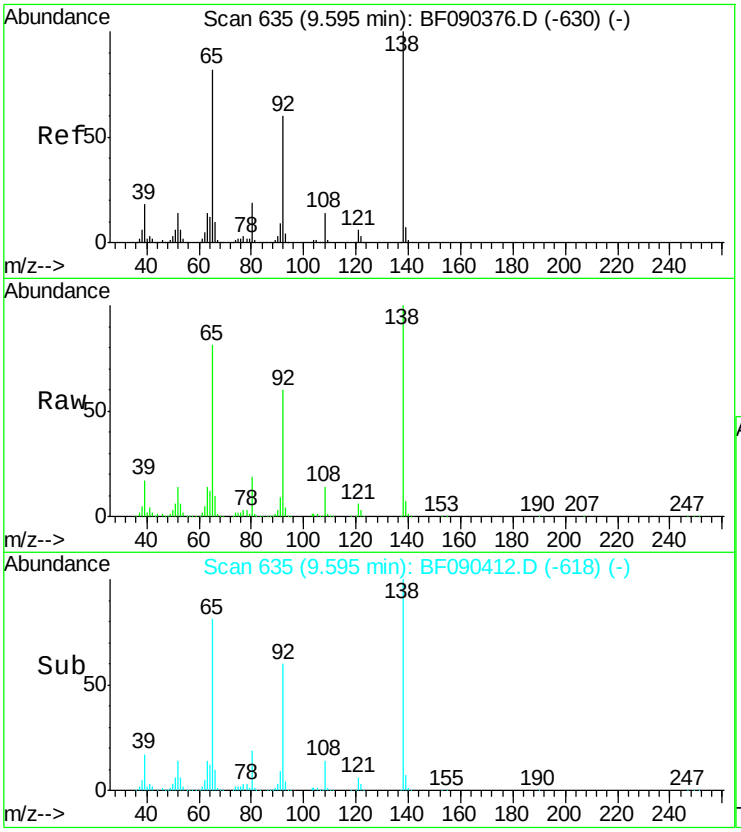


#46
2-Chloronaphthalene
Concen: 51.15 ng
RT: 9.50 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:162 Resp: 1445150

Ion	Ratio	Lower	Upper
162	100		
127	38.1	35.6	53.4
164	34.3	27.5	41.3



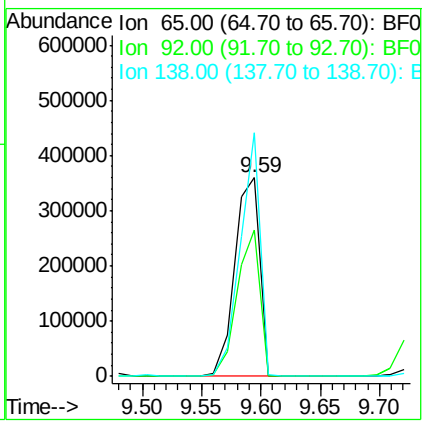


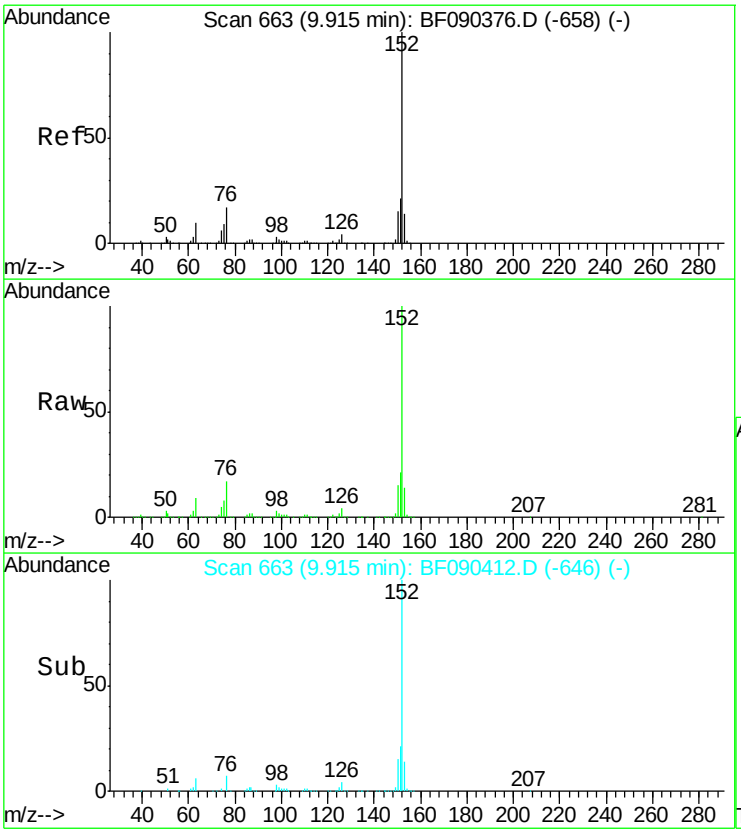
#47
2-Nitroaniline
Concen: 47.42 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion: 65 Resp: 528635

Ion	Ratio	Lower	Upper
65	100		
92	74.0	51.7	77.5
138	122.8	79.0	118.4#

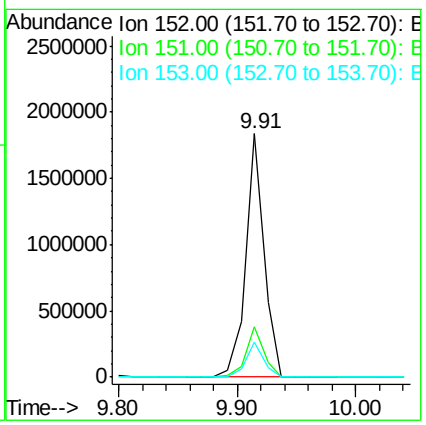


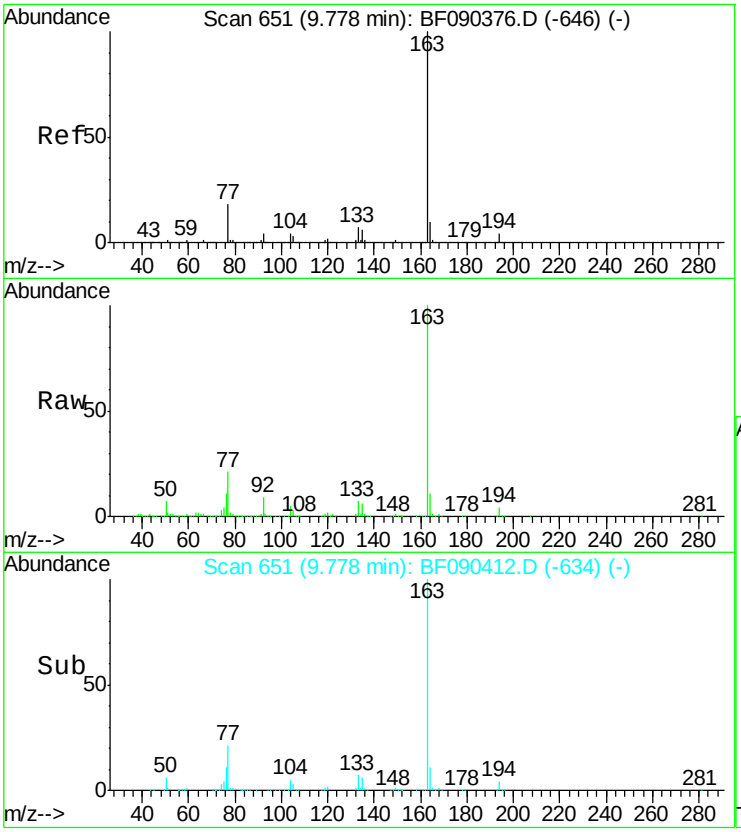


#48
Acenaphthylene
Concen: 42.33 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:152 Resp: 1973308

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.0
153	14.2	11.6	17.4



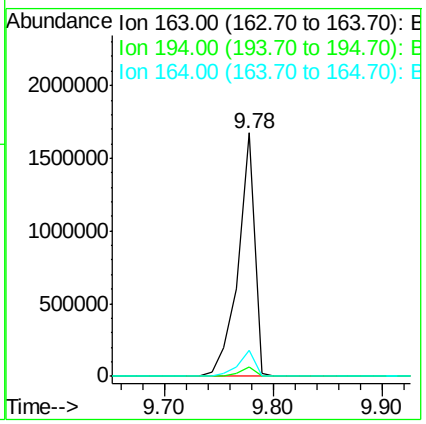


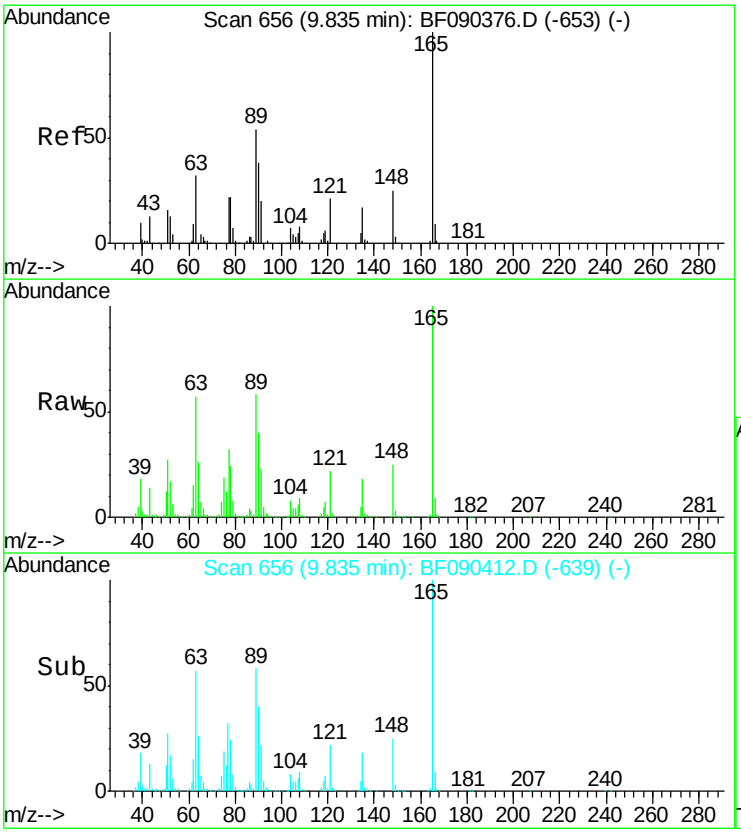
#49
Dimethylphthalate
Concen: 52.48 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Tgt Ion:163 Resp: 1734271

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.6	9.0	13.4





#50
2,6-Dinitrotoluene
Concen: 53.99 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090412.D
Acq: 6 Oct 2016 6:12

Tgt Ion:165 Resp: 396149

Ion	Ratio	Lower	Upper
165	100		
63	56.8	58.0	87.0#
89	57.6	51.2	76.8