Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089202.D
Acq On : 22 Jul 2016 19:46
Operator : UM/SJ
Sample : PB92323BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92323BS

Quant Time: Jul 25 00:53:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49295	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	205810	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	99577	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	198007	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	139406	20.00	ng		-0.01
86) Perylene-d12	15.05	264	112653	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	419071	129.29	ng		-0.01
7) Phenol-d6	6.25	99	531305	127.11	ng		-0.02
23) Nitrobenzene-d5	7.15	82	334042	86.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	121073	135.05	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	616288	85.27	ng		-0.02
78) Terphenyl-d14	12.67	244	582370	90.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	45489	32.32	ng	#	90
3) Pyridine	2.71	79	118109	33.04	ng		98
4) n-Nitrosodimethylamine	2.68	42	52353	34.79	ng		98
6) Aniline	6.25	93	158688	28.10	ng	#	67
8) 2-Chlorophenol	6.36	128	149377	41.53	ng	#	81
9) Benzaldehyde	6.12	77	49652	19.90	ng		99
10) Phenol	6.26	94	200149	41.56	ng		98
11) bis(2-Chloroethyl)ether	6.33	93	159975	44.23	ng		97
12) 1,3-Dichlorobenzene	6.59	146	147190	37.06	ng		97
13) 1,4-Dichlorobenzene	6.59	146	153886	38.47	ng		99
14) 1,2-Dichlorobenzene	6.75	146	153913	40.81	ng		98
15) Benzyl Alcohol	6.74	79	132269	43.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	168933	41.00	ng	#	56
17) 2-Methylphenol	6.87	107	120009	42.36	ng		98
18) Hexachloroethane	7.08	117	59941	39.87	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	114580	41.91	ng		99
20) 3+4-Methylphenols	7.03	107	158520	41.21	ng		94
22) Acetophenone	7.00	105	225631	41.05	ng	#	98
24) Nitrobenzene	7.18	77	165374	40.48	ng		99
25) Isophorone	7.42	82	305176	42.75	ng		99
26) 2-Nitrophenol	7.50	139	79700	41.83	ng	#	77
27) 2,4-Dimethylphenol	7.54	122	123042	38.33	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	193855	43.41	ng		100
29) 2,4-Dichlorophenol	7.74	162	125976	43.54	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	132508	41.38	ng		98
31) Naphthalene	7.88	128	446421	40.19	ng		100
32) Benzoic acid	7.70	122	87297	35.36	ng		92
33) 4-Chloroaniline	7.95	127	132512	28.37	ng		97
34) Hexachlorobutadiene	8.01	225	68774	38.58	ng		99
35) Caprolactam	8.33	113	19472	21.67	ng		97
36) 4-Chloro-3-methylphenol	8.44	107	144854	41.56	ng		97
37) 2-Methylnaphthalene	8.58	142	305035	43.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	125154	33.82	ng		99
40) Hexachlorocyclopentadiene	8.73	237	96605	78.18	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089202.D
Acq On : 22 Jul 2016 19:46
Operator : UM/SJ
Sample : PB92323BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92323BS

Quant Time: Jul 25 00:53:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	84325	40.71	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	97586	46.93	ng	#	93
45) 1,1'-Biphenyl	9.05	154	350121	39.04	ng		96
46) 2-Chloronaphthalene	9.06	162	270621	39.71	ng		98
47) 2-Nitroaniline	9.18	65	93699	40.08	ng	#	75
48) Acenaphthylene	9.47	152	421305	39.32	ng		99
49) Dimethylphthalate	9.36	163	336913	44.09	ng		99
50) 2,6-Dinitrotoluene	9.42	165	74707	43.30	ng	#	73
51) Acenaphthene	9.64	154	246954	38.97	ng		99
52) 3-Nitroaniline	9.59	138	62073	30.30	ng		85
53) 2,4-Dinitrophenol	9.70	184	69023	78.62	ng	#	89
54) Dibenzofuran	9.82	168	383961	44.84	ng		95
55) 4-Nitrophenol	9.78	139	82504	66.56	ng		89
56) 2,4-Dinitrotoluene	9.83	165	98762	44.44	ng	#	71
57) Fluorene	10.16	166	298744	41.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71901	48.14	ng		97
59) Diethylphthalate	10.06	149	363611	47.99	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	146702	44.21	ng	#	84
61) 4-Nitroaniline	10.20	138	81183	40.73	ng		98
62) Azobenzene	10.32	77	394142	47.86	ng		92
64) 4,6-Dinitro-2-methylphenol	10.23	198	48289	41.89	ng	#	32
65) n-Nitrosodiphenylamine	10.28	169	290853	43.95	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	80956	41.32	ng	#	81
67) Hexachlorobenzene	10.71	284	88520	42.00	ng	#	85
68) Atrazine	10.82	200	83726	40.46	ng		94
69) Pentachlorophenol	10.90	266	82708	85.07	ng		97
70) Phenanthrene	11.12	178	454452	41.84	ng		99
71) Anthracene	11.16	178	489901	43.39	ng		99
72) Carbazole	11.32	167	424585	42.81	ng		99
73) Di-n-butylphthalate	11.67	149	563957	45.98	ng		99
74) Fluoranthene	12.30	202	480280	42.07	ng		92
76) Benzidine	12.42	184	175663	36.65	ng		98
77) Pyrene	12.51	202	447785	38.89	ng		99
79) Butylbenzylphthalate	13.15	149	235964	48.45	ng	#	79
80) Benzo(a)anthracene	13.70	228	366949	41.33	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	99305	33.72	ng	#	96
82) Chrysene	13.74	228	324051	38.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	311622	48.24	ng	#	97
84) Di-n-octyl phthalate	14.32	149	481815	45.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	268692	43.62	ng		99
87) Benzo(b)fluoranthene	14.70	252	606762	74.36	ng	#	96
88) Benzo(k)fluoranthene	14.70	252	606762	103.99	ng	#	97
89) Benzo(a)pyrene	15.01	252	291413	46.01	ng	#	95
90) Dibenzo(a,h)anthracene	16.29	278	226584	45.31	ng	#	95
91) Benzo(g,h,i)perylene	16.64	276	219871	43.60	ng		99

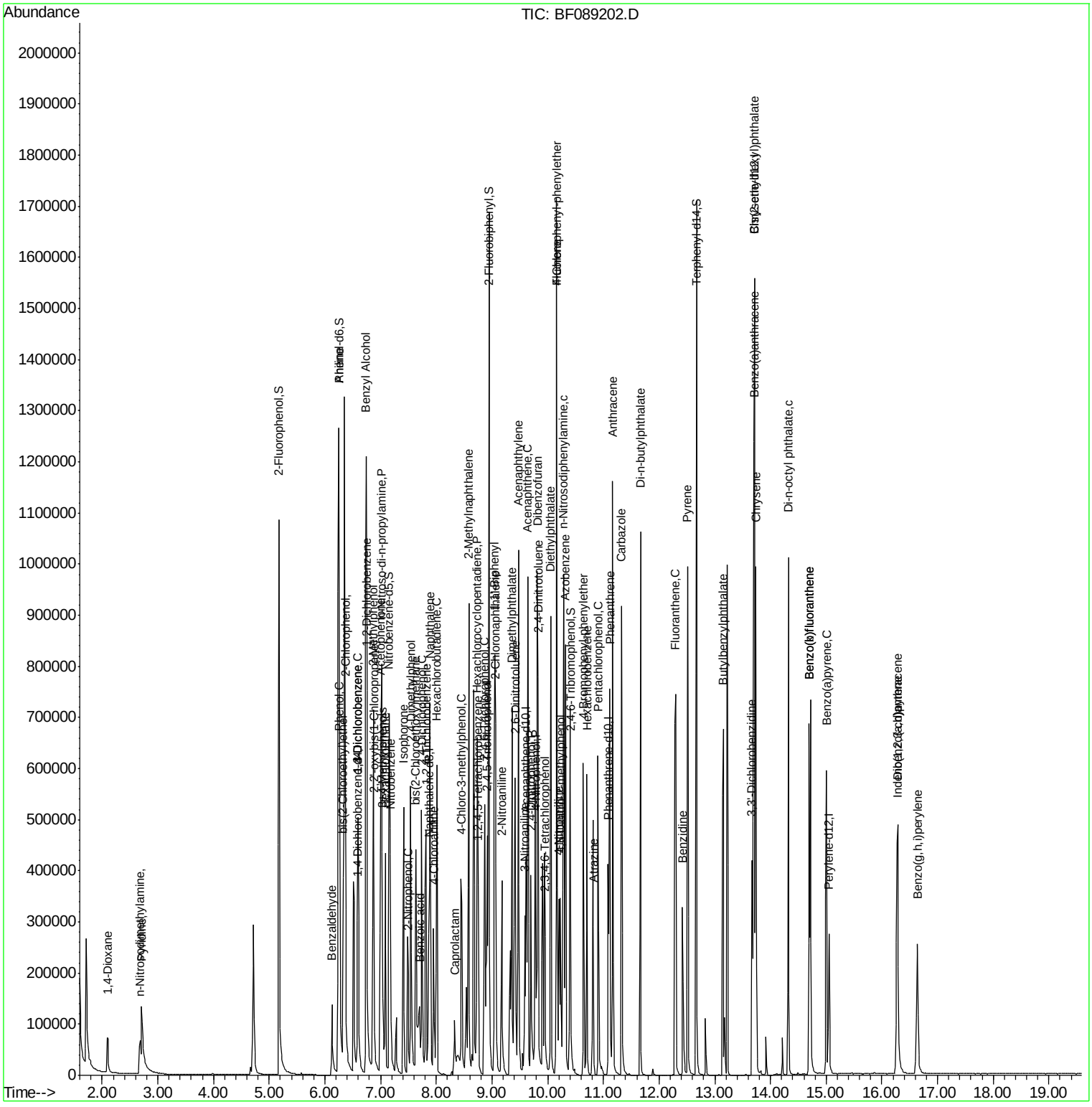
(#) = qualifier out of range (m) = manual integration (+) = signals summed

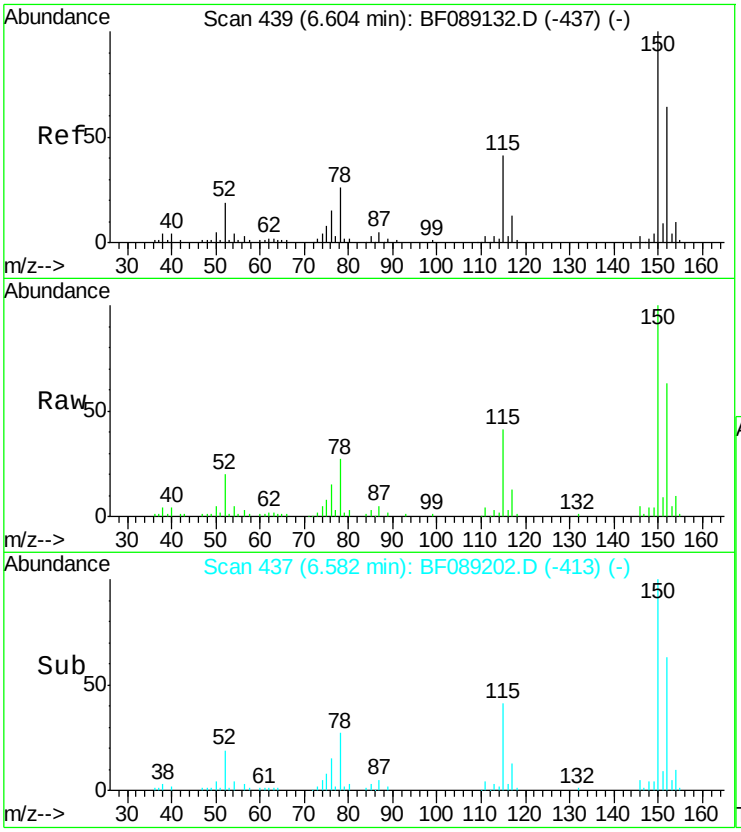
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089202.D
Acq On : 22 Jul 2016 19:46
Operator : UM/SJ
Sample : PB92323BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Quant Time: Jul 25 00:53:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration



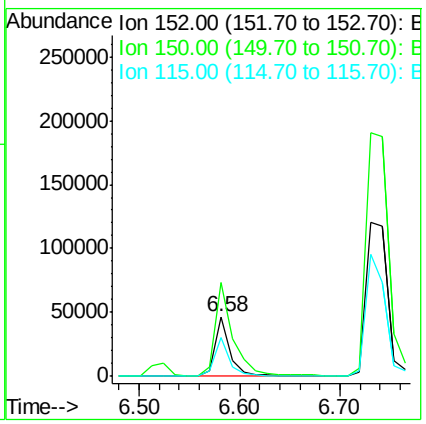


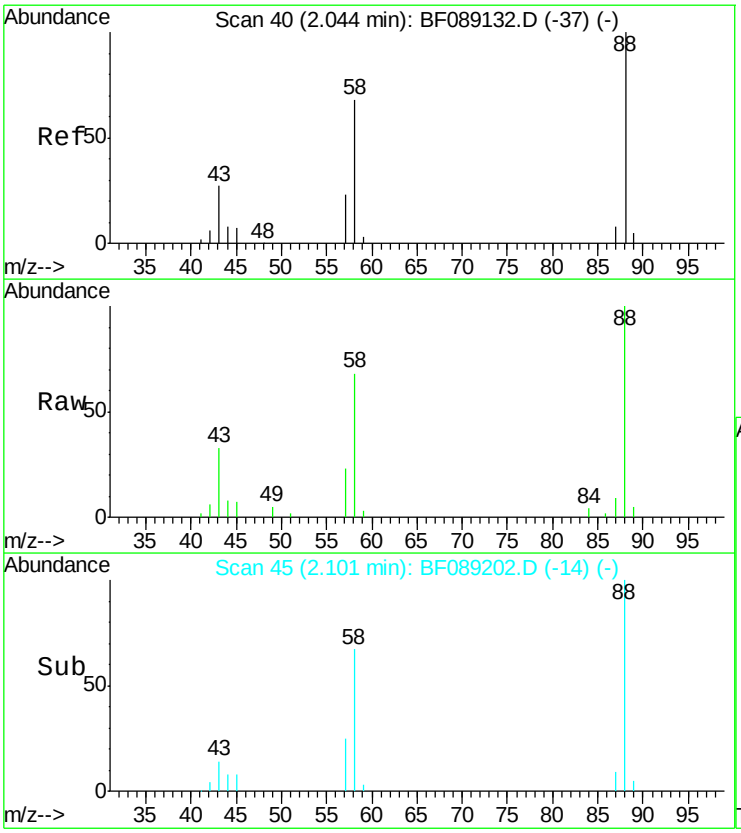
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:152 Resp: 49295

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.1	187.7
115	65.0	51.1	76.7

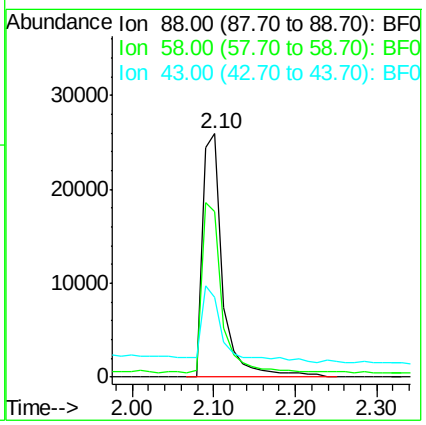


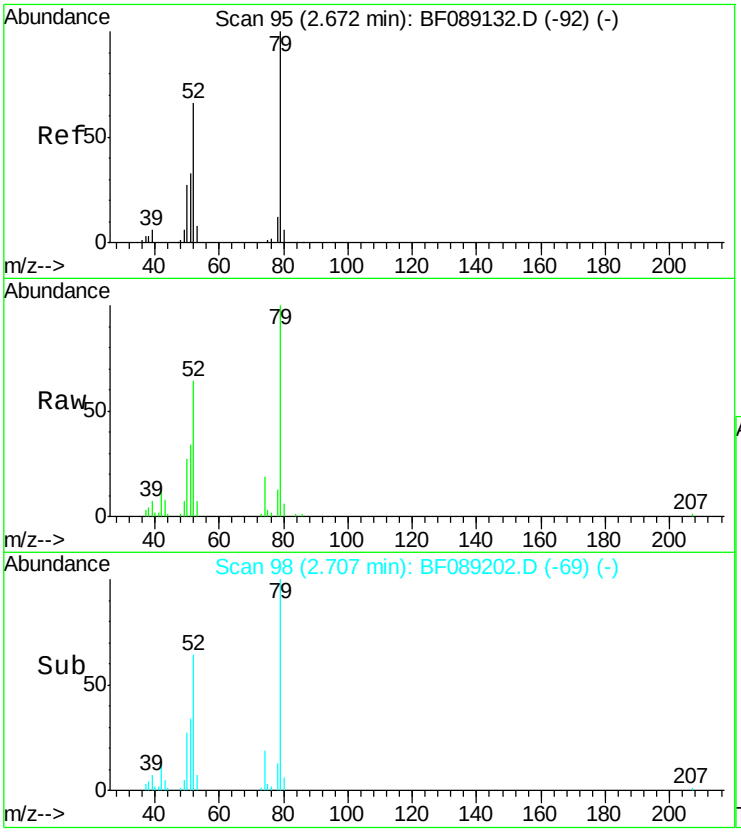


#2
1,4-Dioxane
Concen: 32.32 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 88 Resp: 45489

Ion	Ratio	Lower	Upper
88	100		
58	68.5	49.2	73.8
43	32.3	20.6	30.8#



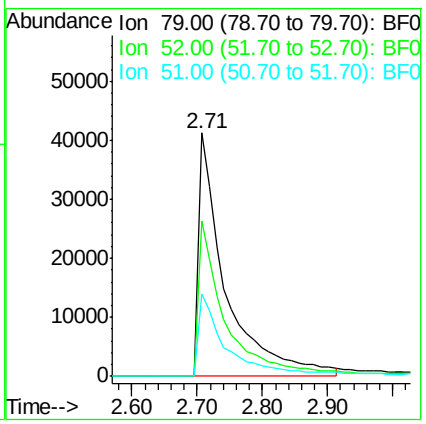


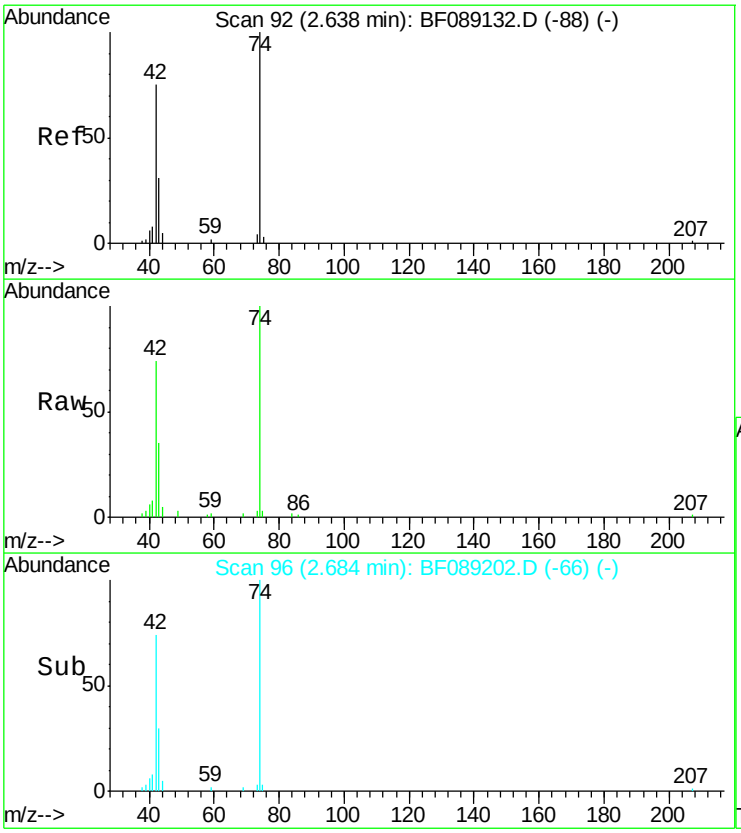
#3
Pyridine
Concen: 33.04 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 79 Resp: 118109

Ion	Ratio	Lower	Upper
79	100		
52	63.9	52.9	79.3
51	33.8	27.0	40.6

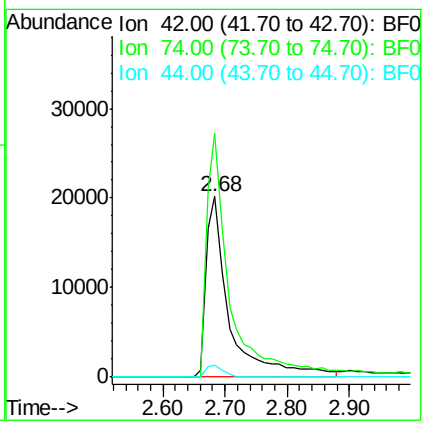


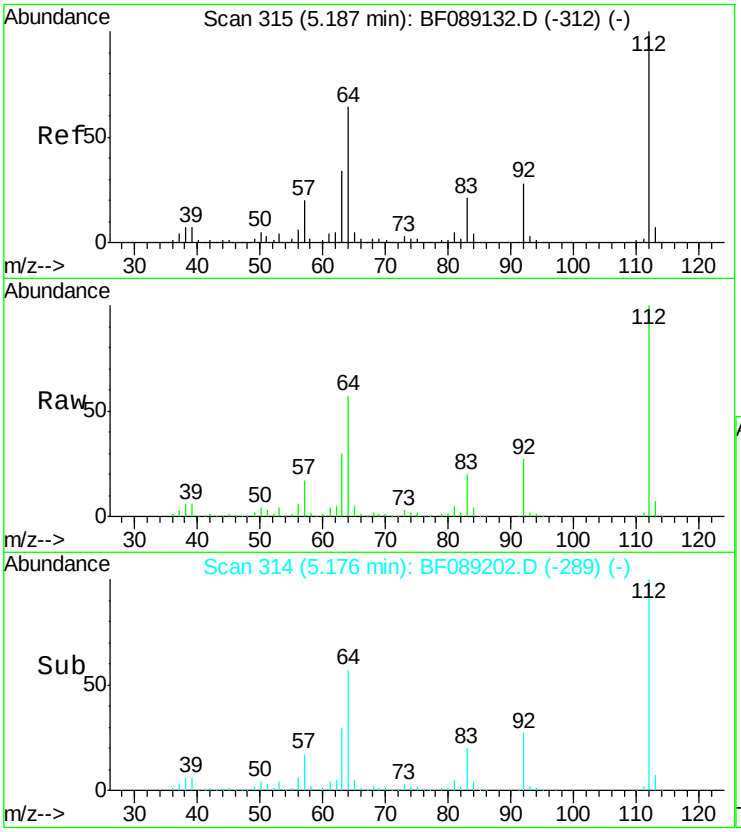


#4
n-Nitrosodimethylamine
Concen: 34.79 ng
RT: 2.68 min Scan# 96
Delta R.T. 0.05 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 42 Resp: 52353

Ion	Ratio	Lower	Upper
42	100		
74	135.0	106.4	159.6
44	6.4	5.2	7.8



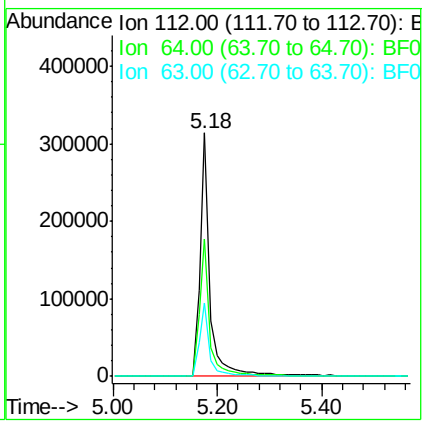


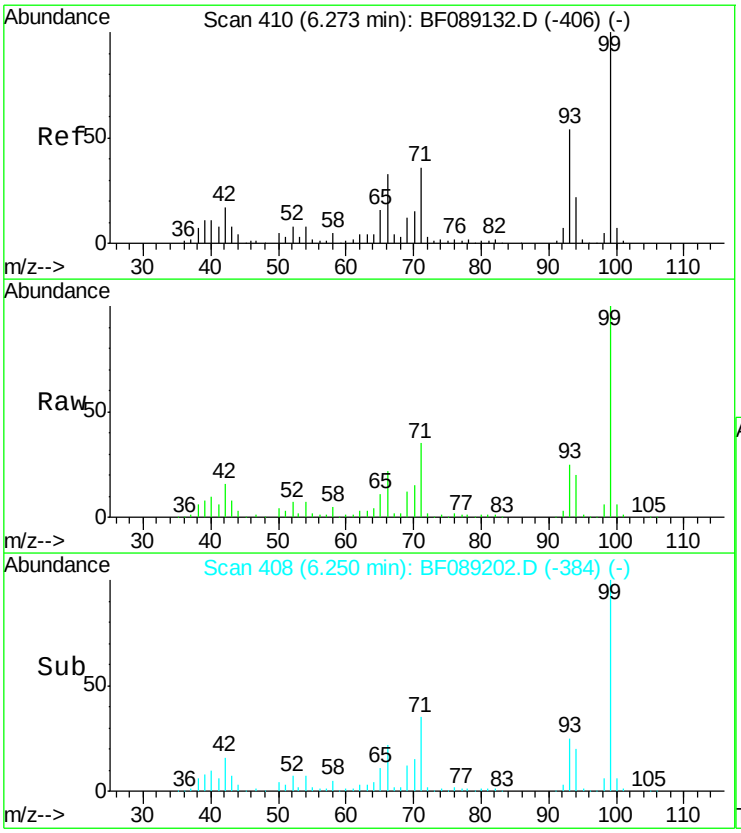
#5
2-Fluorophenol
Concen: 129.29 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:112 Resp: 419071

Ion	Ratio	Lower	Upper
112	100		
64	56.5	51.0	76.4
63	30.2	27.3	40.9

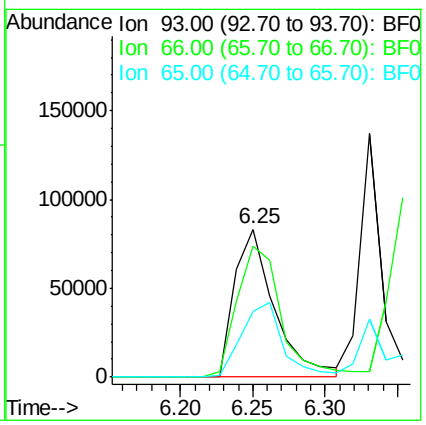


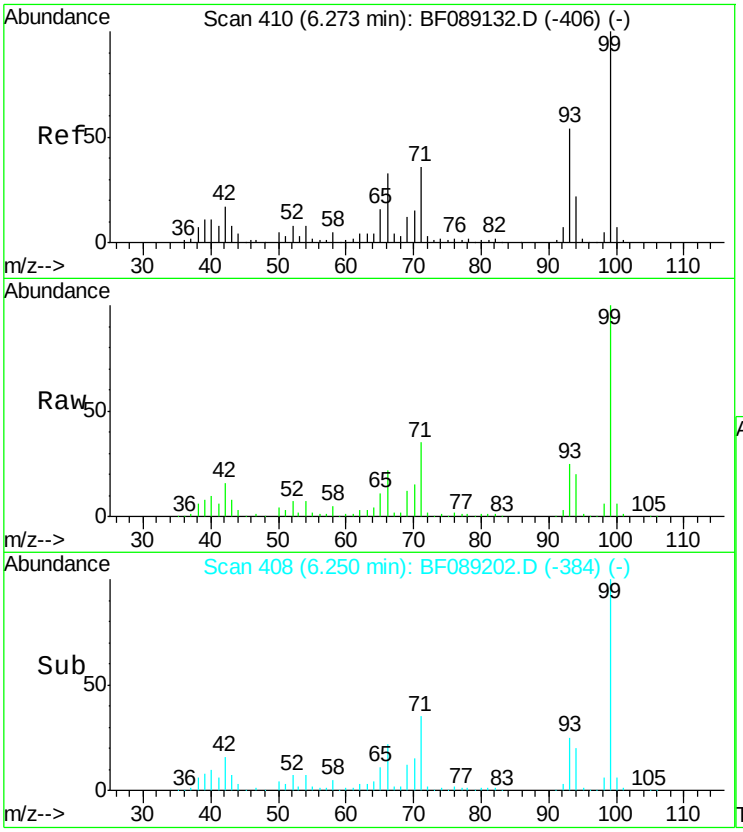


#6
Aniline
Concen: 28.10 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 93 Resp: 158688

Ion	Ratio	Lower	Upper
93	100		
66	88.7	48.9	73.3#
65	44.6	23.9	35.9#



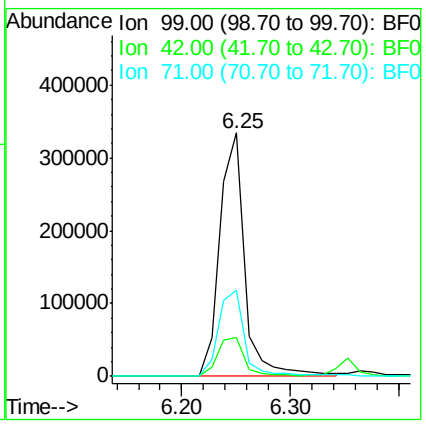


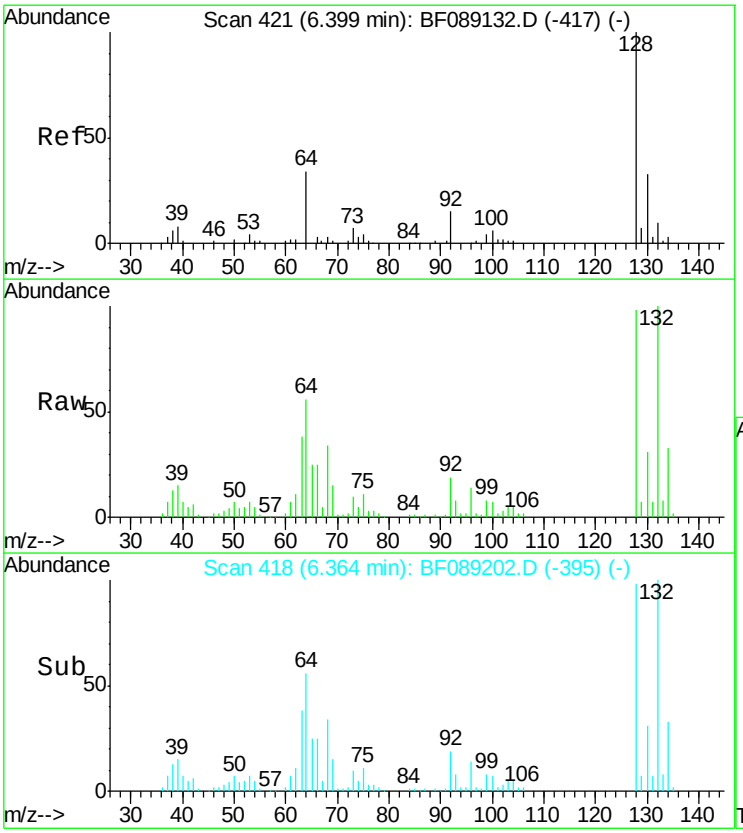
#7
Phenol-d6
Concen: 127.11 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 99 Resp: 531305

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	35.4	28.9	43.3

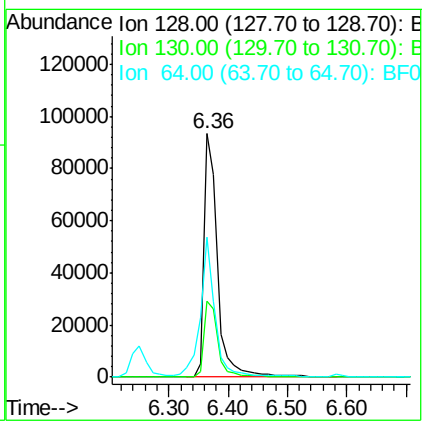


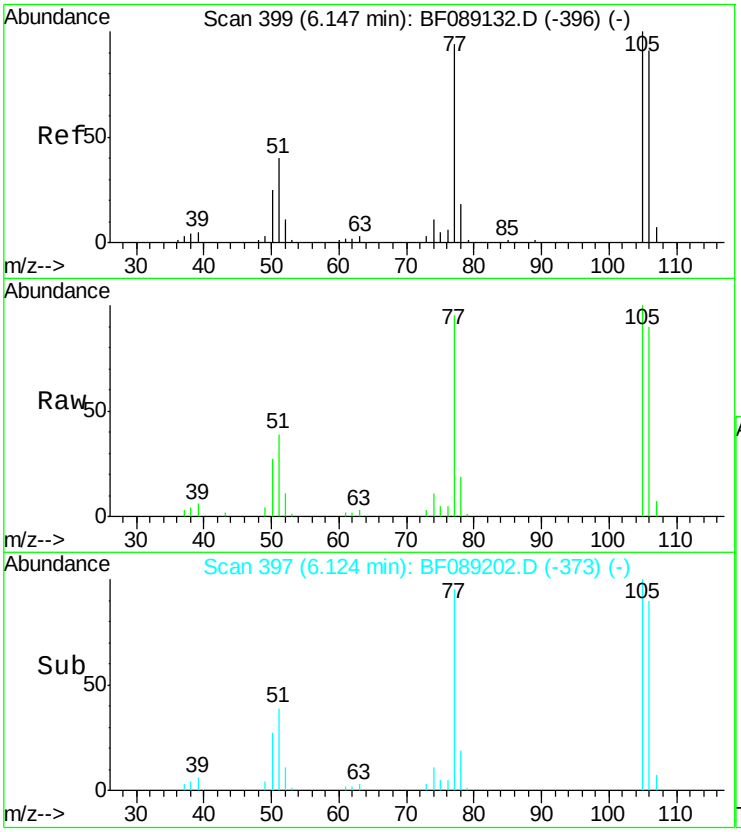


#8
2-Chlorophenol
Concen: 41.53 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:128 Resp: 149377

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	57.7	17.5	57.5#



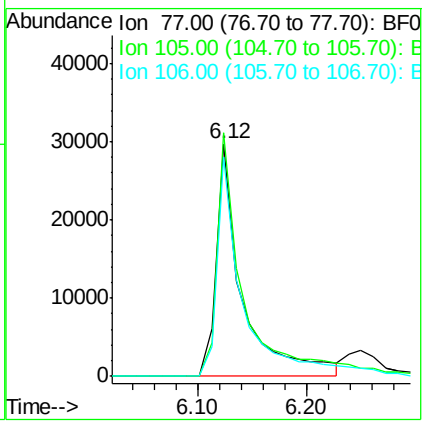


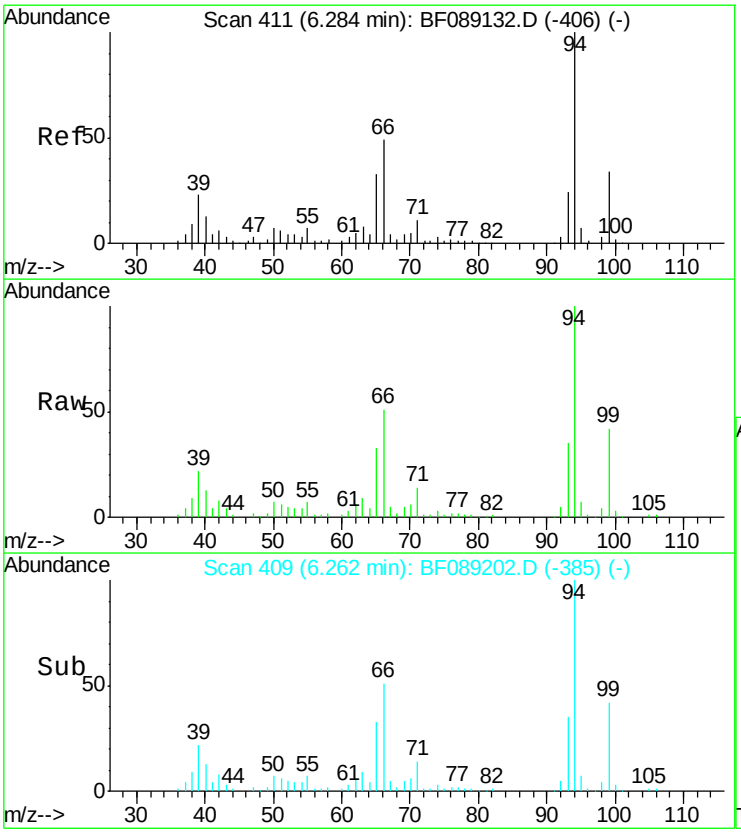
#9
Benzaldehyde
Concen: 19.90 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 77 Resp: 49652

Ion	Ratio	Lower	Upper
77	100		
105	104.9	86.2	126.2
106	94.7	76.3	116.3

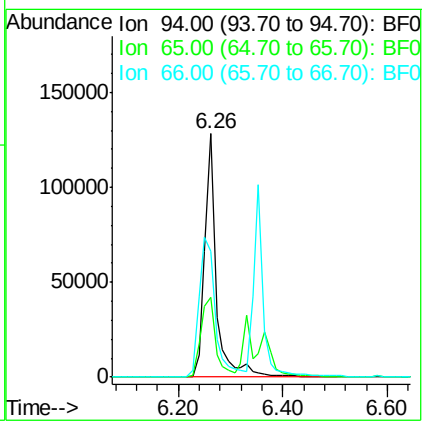


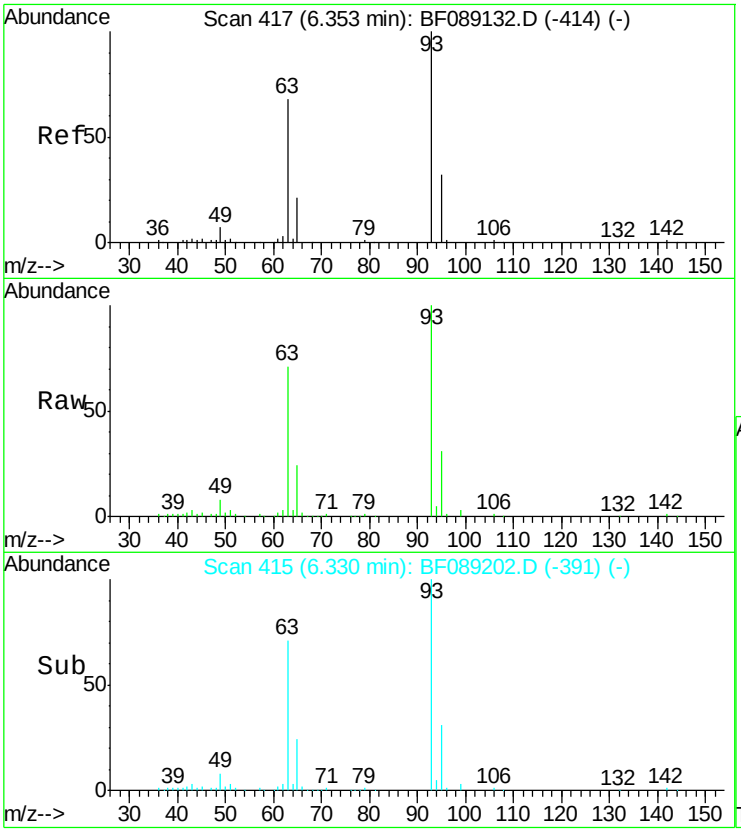


#10
Phenol
Concen: 41.56 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 94 Resp: 200149

Ion	Ratio	Lower	Upper
94	100		
65	32.7	13.3	53.3
66	51.4	29.3	69.3



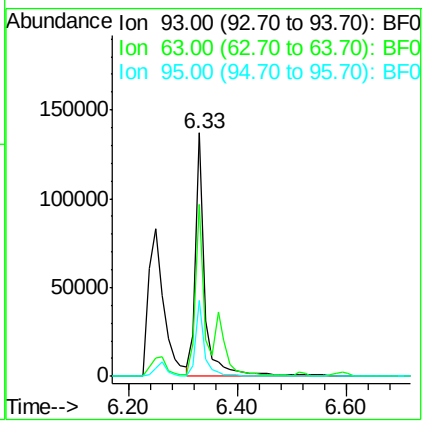


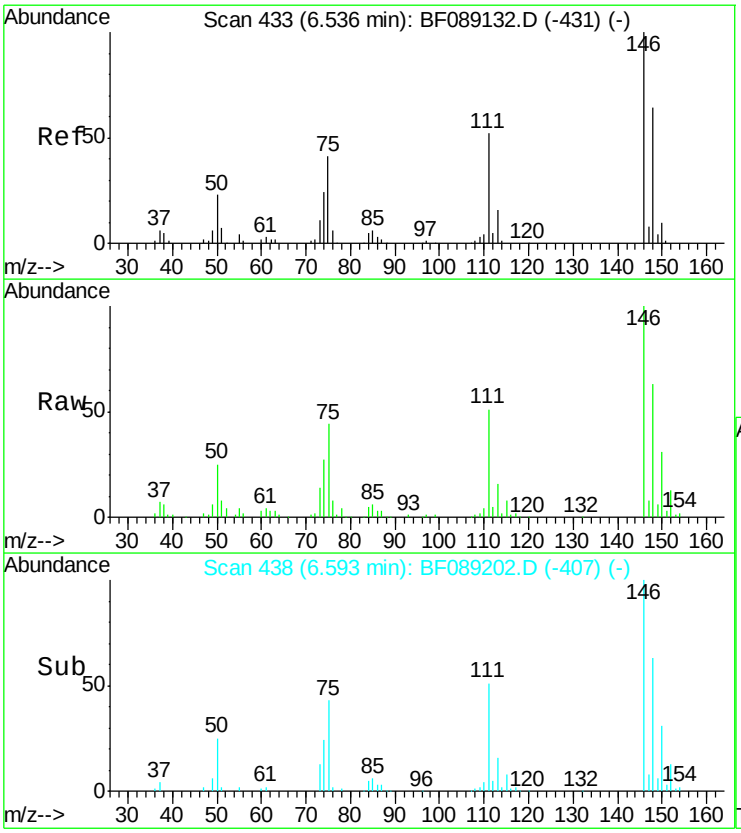
#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 93 Resp: 159975

Ion	Ratio	Lower	Upper
93	100		
63	70.7	47.3	87.3
95	31.2	11.8	51.8

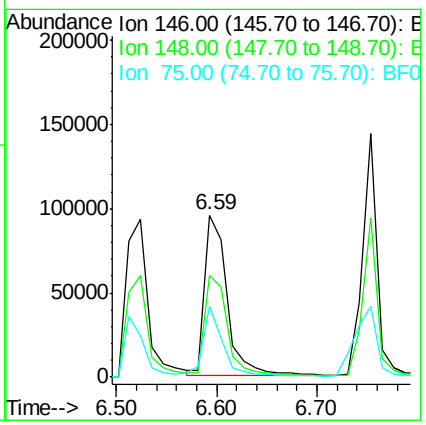


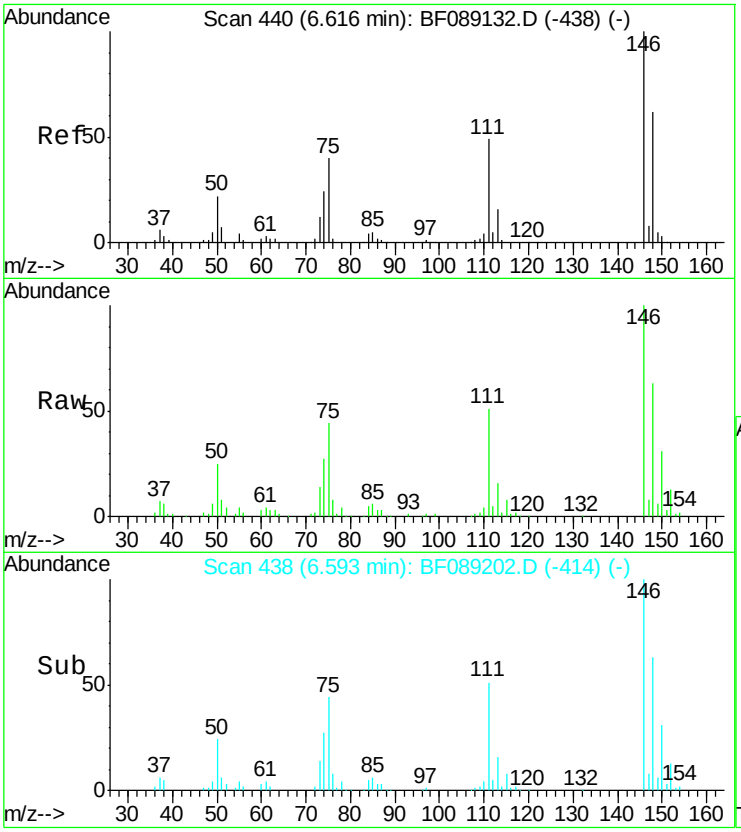


#12
1,3-Dichlorobenzene
Concen: 37.06 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.06 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:146 Resp: 147190

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
75	43.7	32.5	48.7



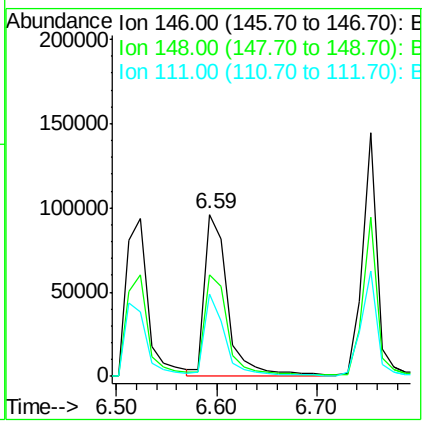


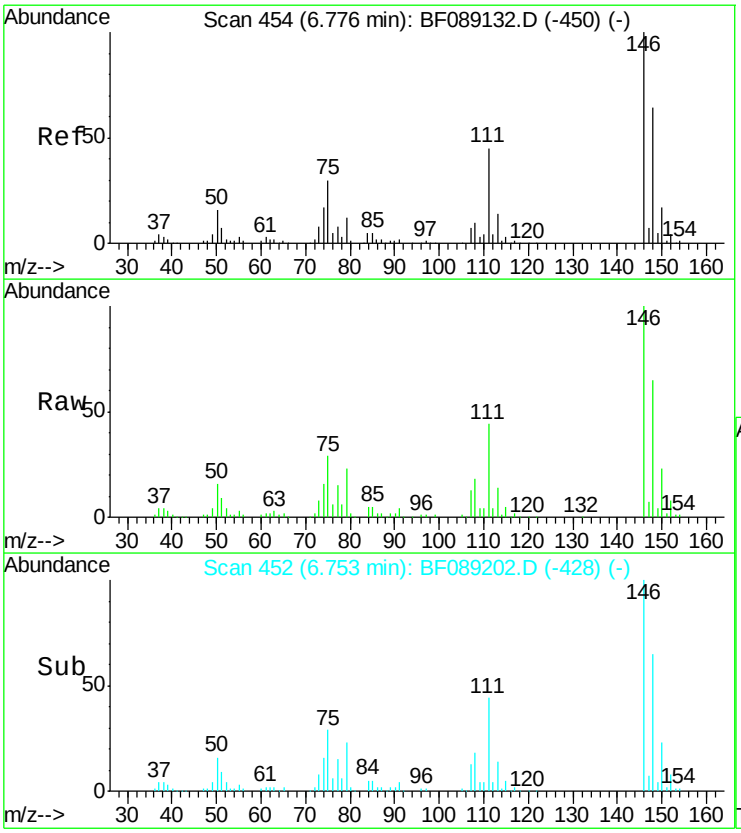
#13
1,4-Dichlorobenzene
Concen: 38.47 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:146 Resp: 153886

Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.9	74.9
111	50.5	39.8	59.6

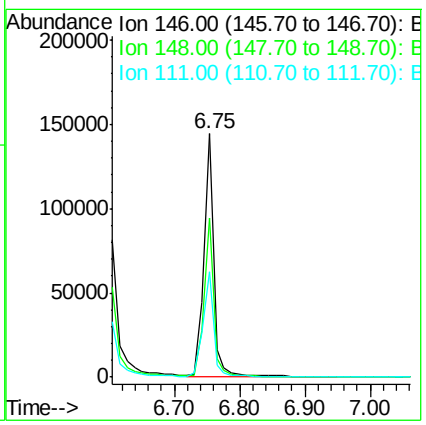


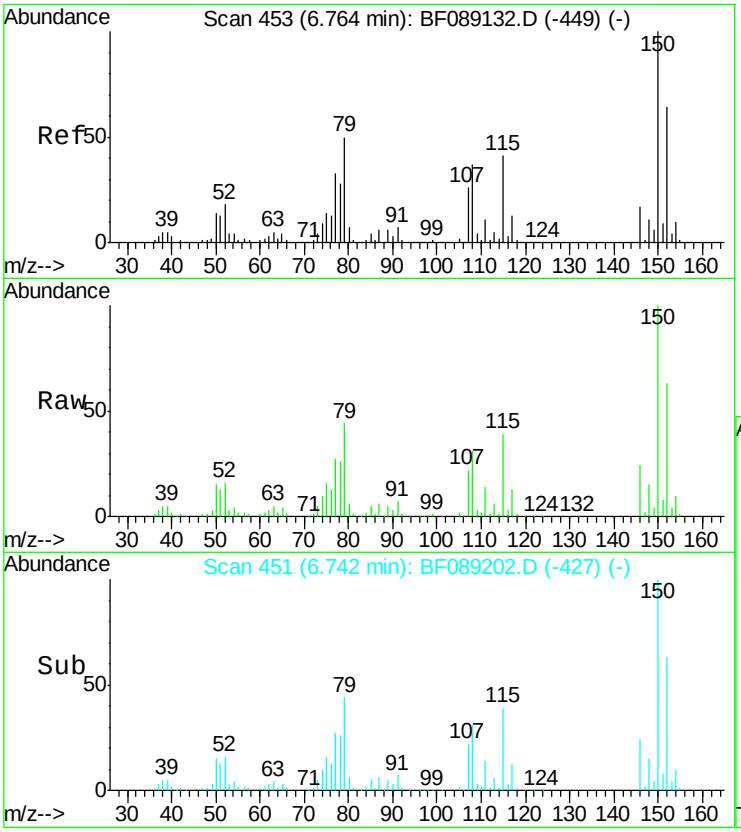


#14
1,2-Dichlorobenzene
Concen: 40.81 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:146 Resp: 153913

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
111	43.5	35.9	53.9



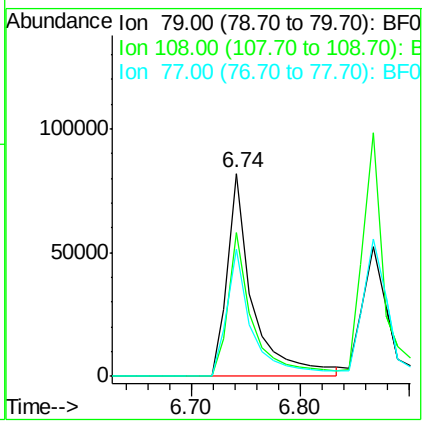


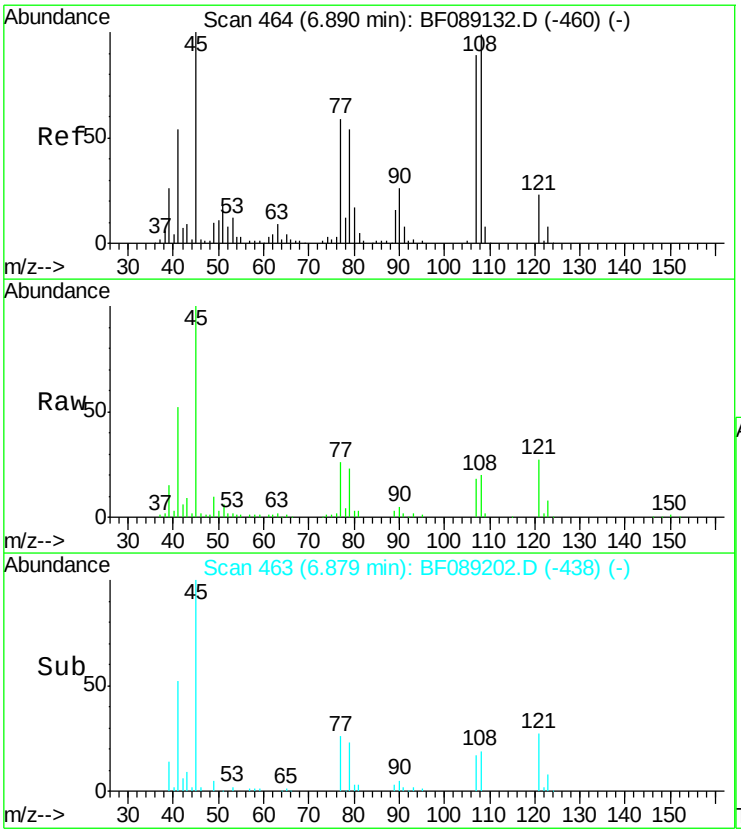
#15
Benzyl Alcohol
Concen: 43.21 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 79 Resp: 132269

Ion	Ratio	Lower	Upper
79	100		
108	70.9	58.2	87.4
77	62.8	52.2	78.4

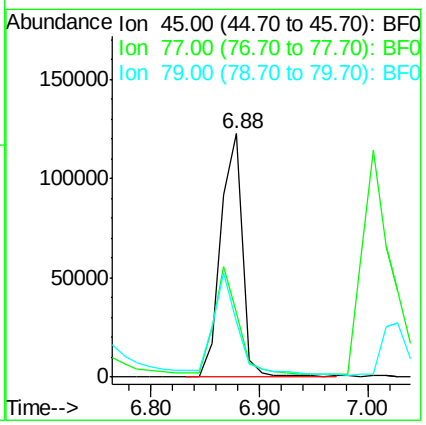


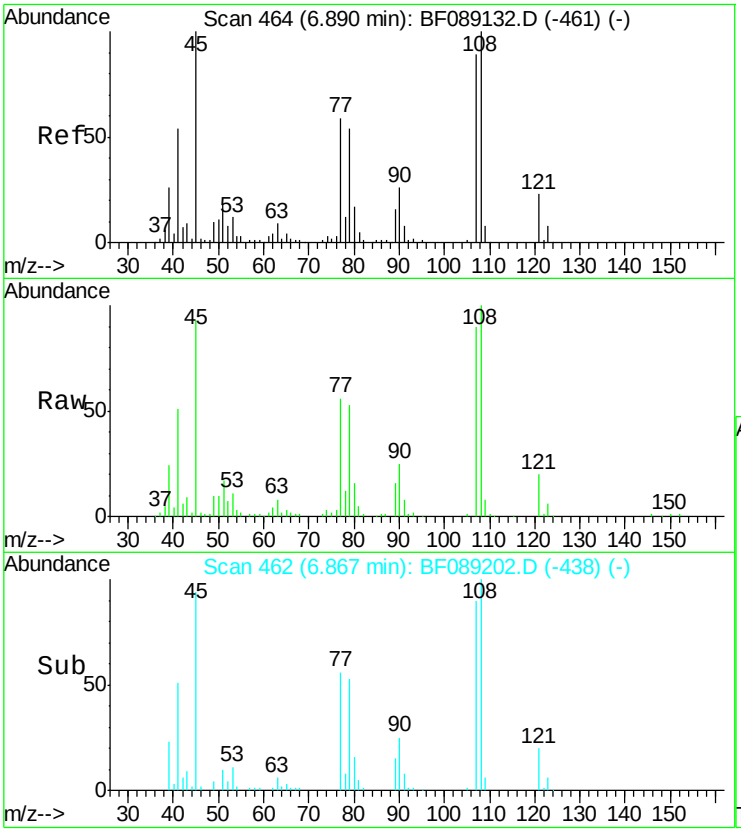


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.00 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 45 Resp: 168933

Ion	Ratio	Lower	Upper
45	100		
77	26.3	39.7	79.7#
79	22.8	34.7	74.7#



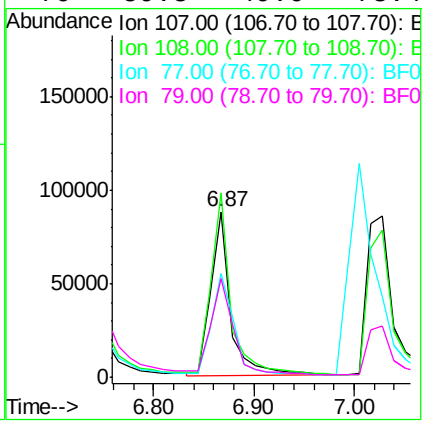


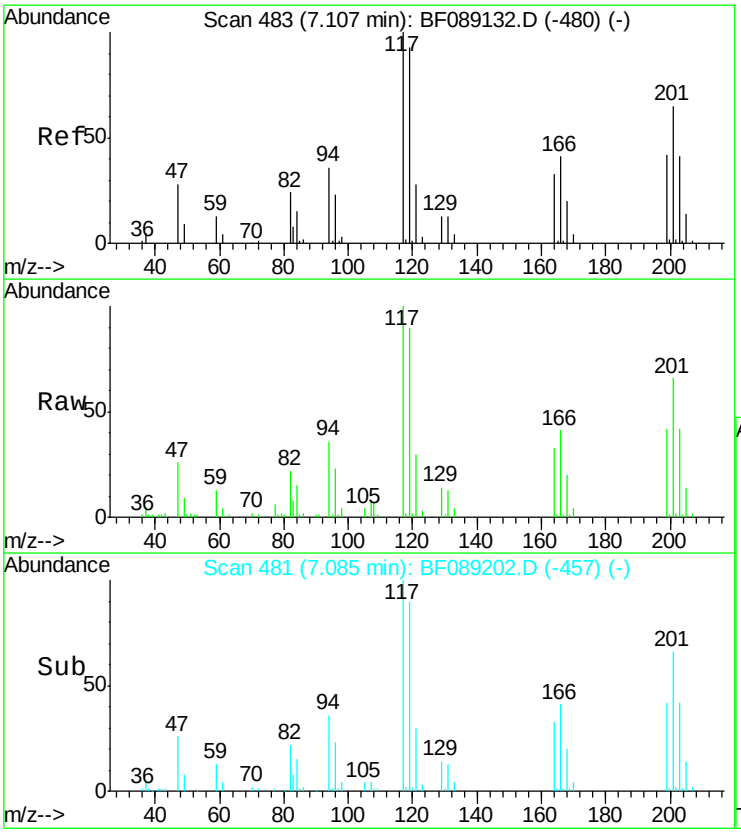
#17
2-Methylphenol
Concen: 42.36 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:107 Resp: 120009

Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.4	134.2
77	62.8	53.4	80.0
79	59.3	49.0	73.4

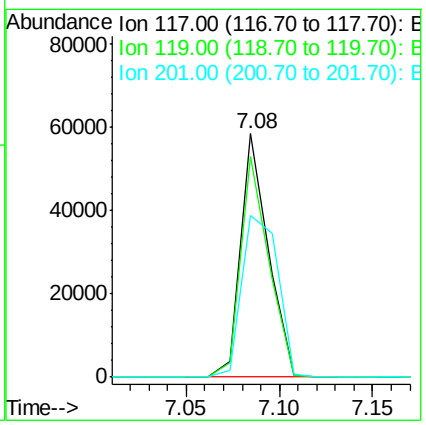


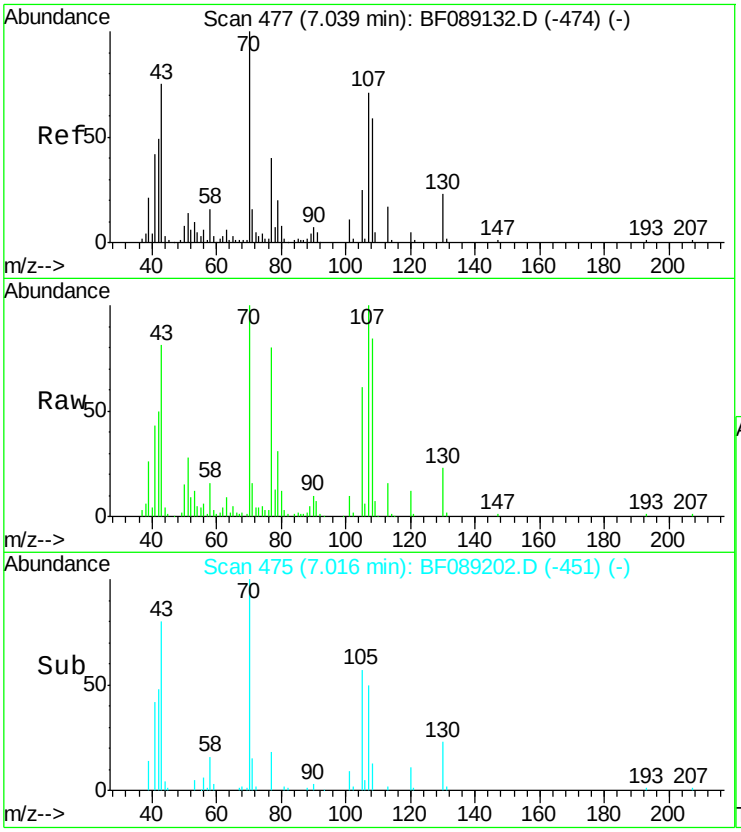


#18
Hexachloroethane
Concen: 39.87 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:117 Resp: 59941

Ion	Ratio	Lower	Upper
117	100		
119	90.4	74.5	111.7
201	66.3	51.8	77.6



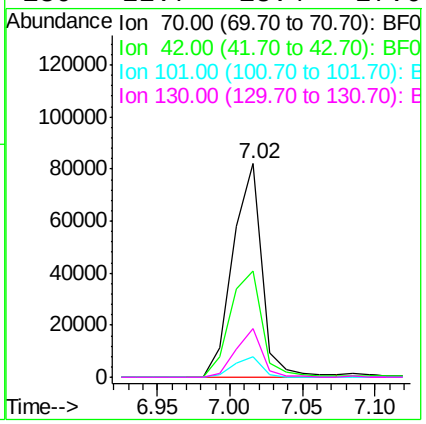


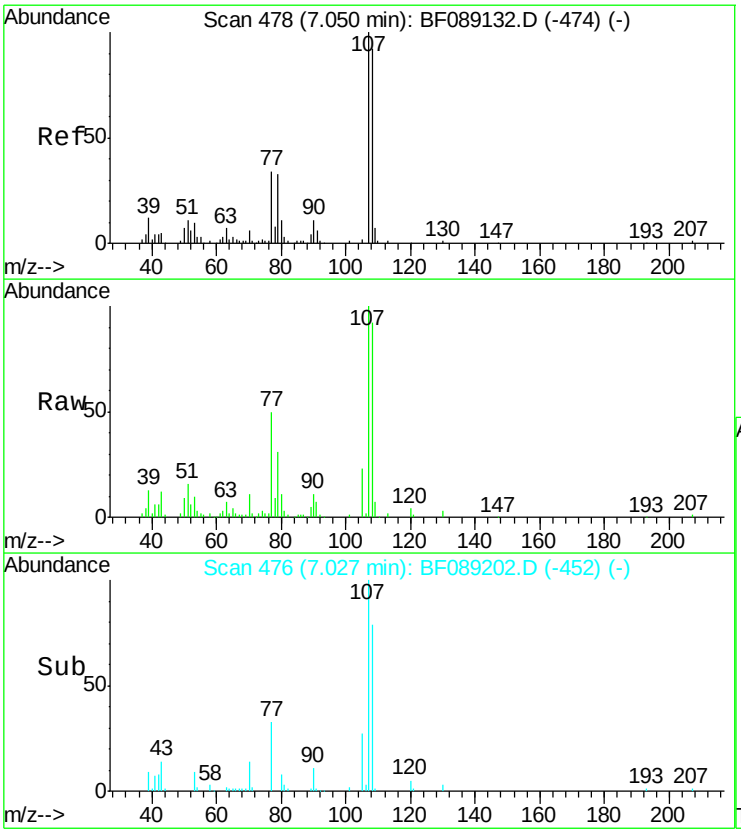
#19
n-Nitroso-di-n-propylamine
Concen: 41.91 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 70 Resp: 114580

Ion	Ratio	Lower	Upper
70	100		
42	49.6	39.2	58.8
101	9.9	8.5	12.7
130	22.7	18.4	27.6

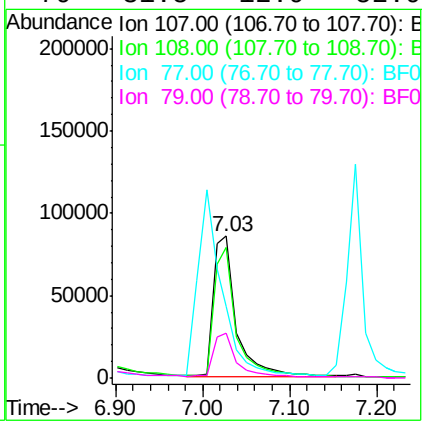


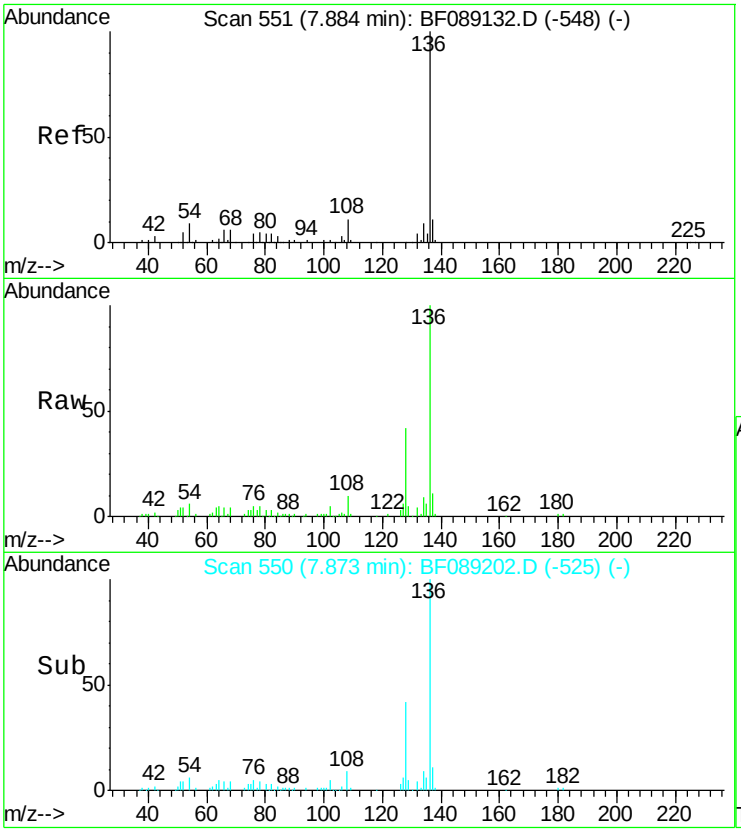


#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:107 Resp: 158520

Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.5	112.5
77	50.3	17.7	57.7
79	31.5	12.9	52.9



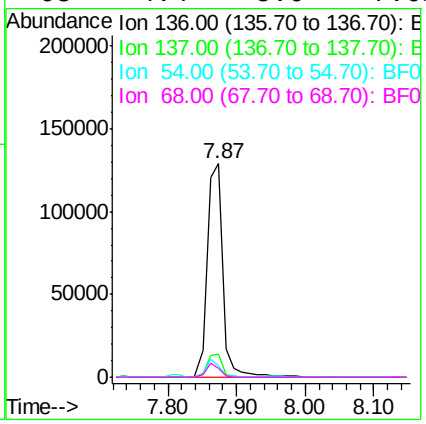


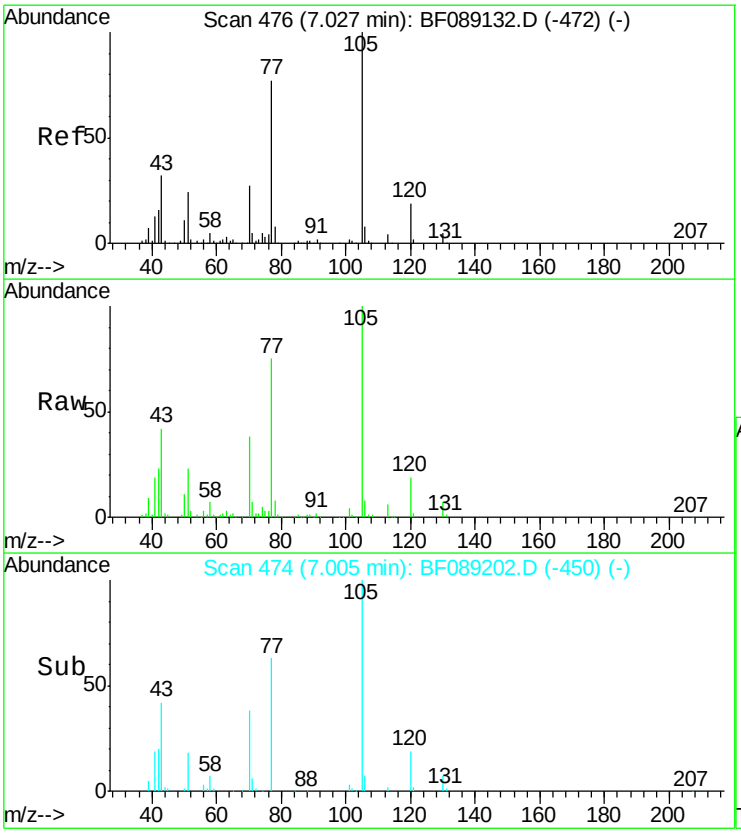
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:136 Resp: 205810

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.6	7.0	10.4#
68	4.4	5.0	7.6#

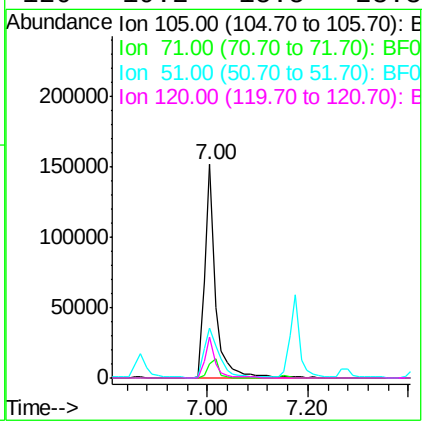


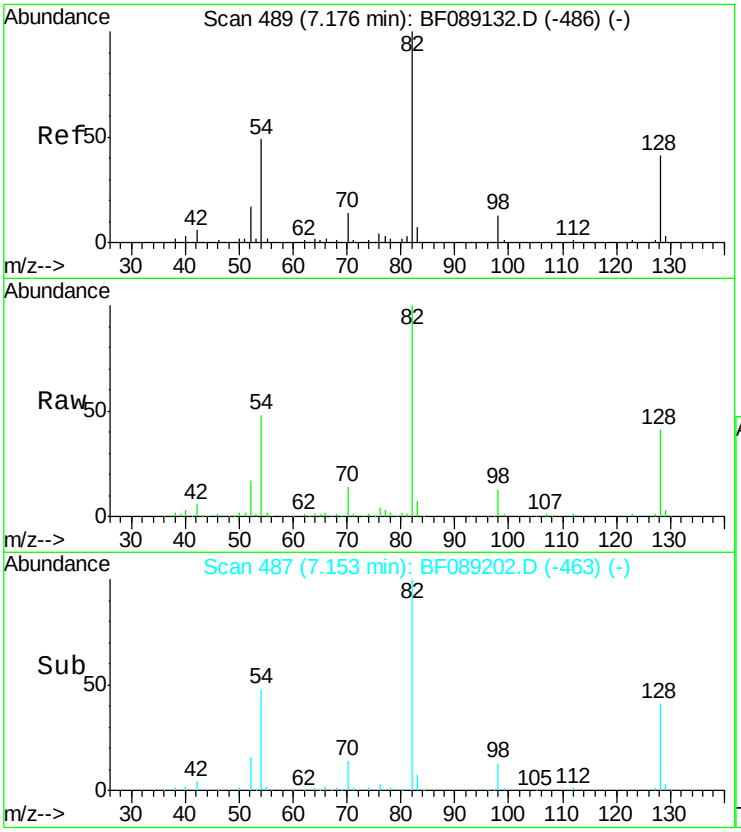


#22
Acetophenone
Concen: 41.05 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:105 Resp: 225631

Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.8	5.6#
51	23.4	19.6	29.4
120	19.2	15.5	23.3



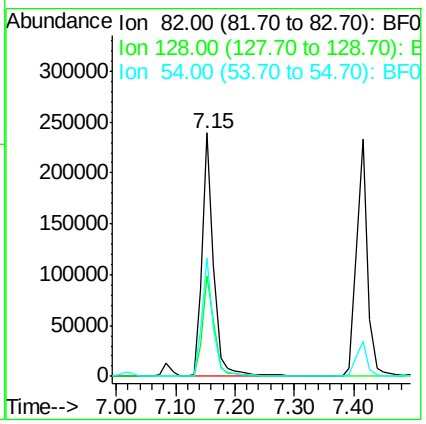


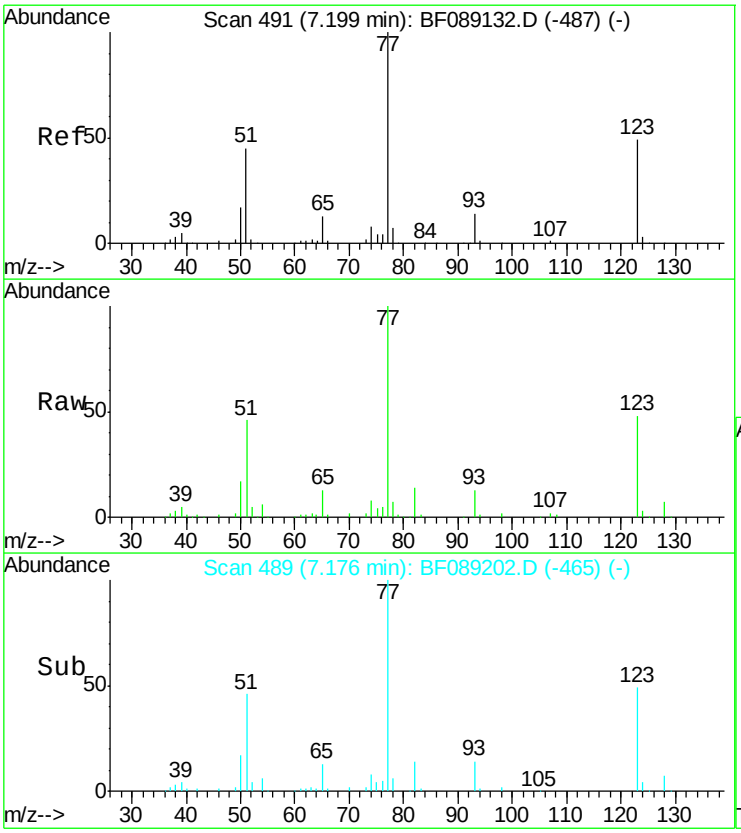
#23
Nitrobenzene-d5
Concen: 86.24 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 82 Resp: 334042

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.6
54	48.4	39.0	58.4

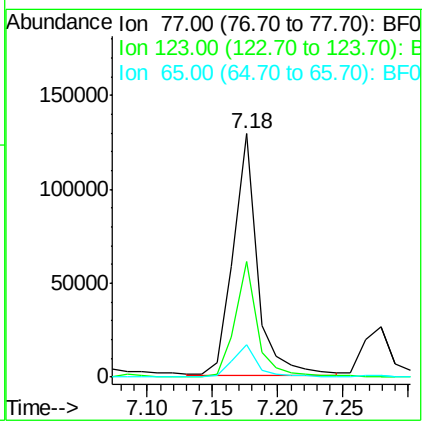


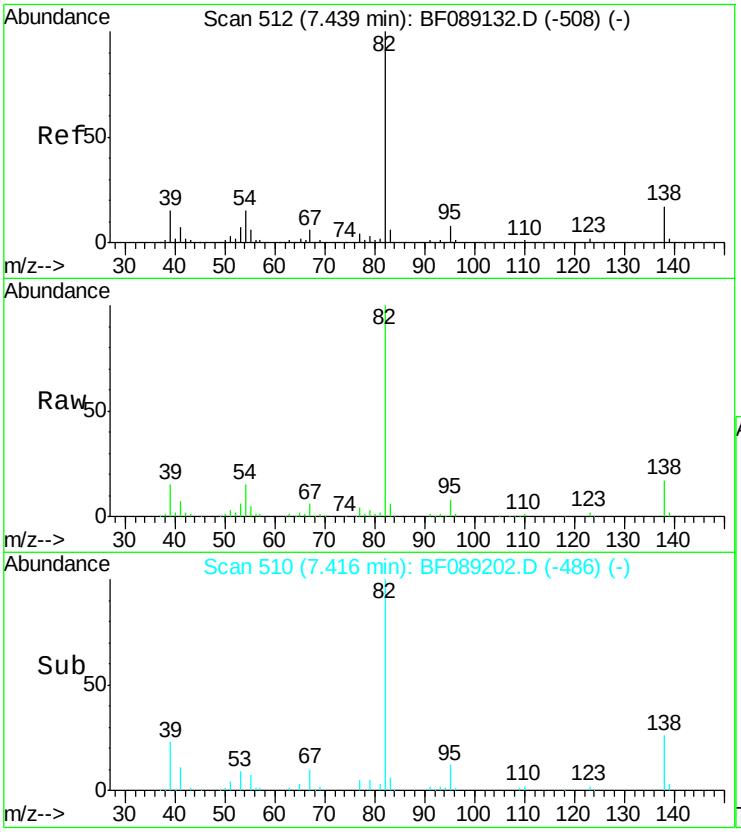


#24
Nitrobenzene
Concen: 40.48 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 77 Resp: 165374

Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.9	58.3
65	13.1	10.6	15.8



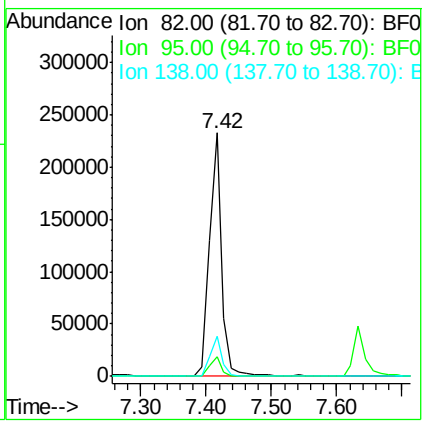


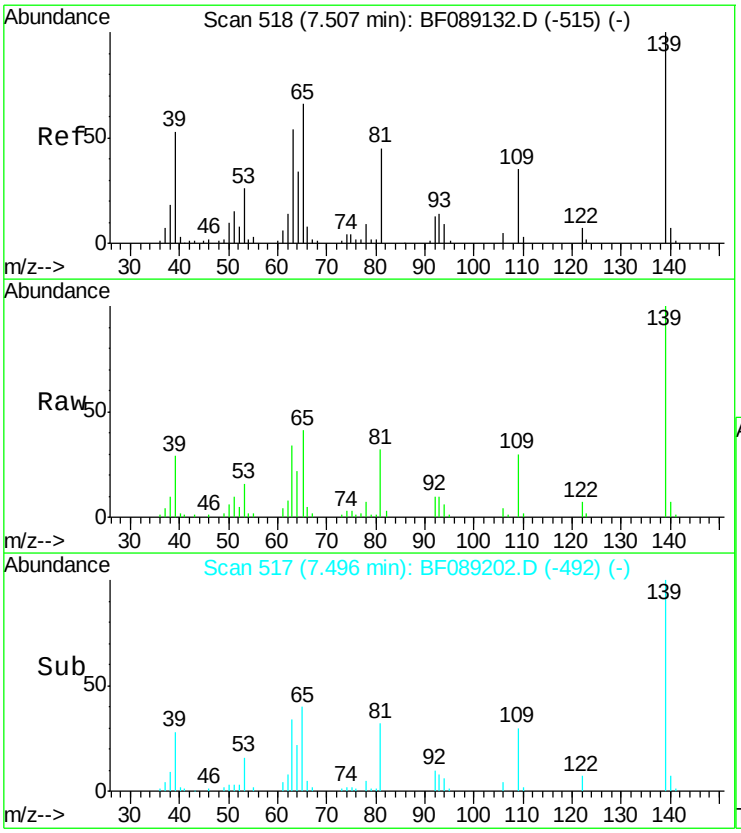
#25
Isophorone
Concen: 42.75 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 82 Resp: 305176

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.1	9.1
138	16.5	13.6	20.4

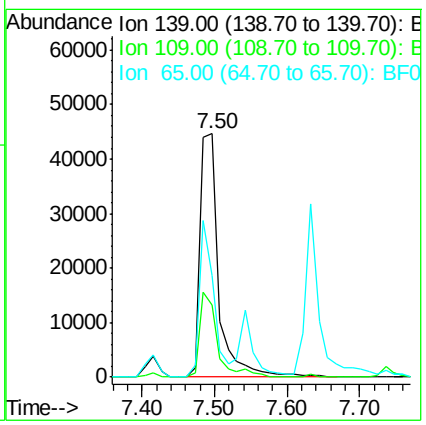


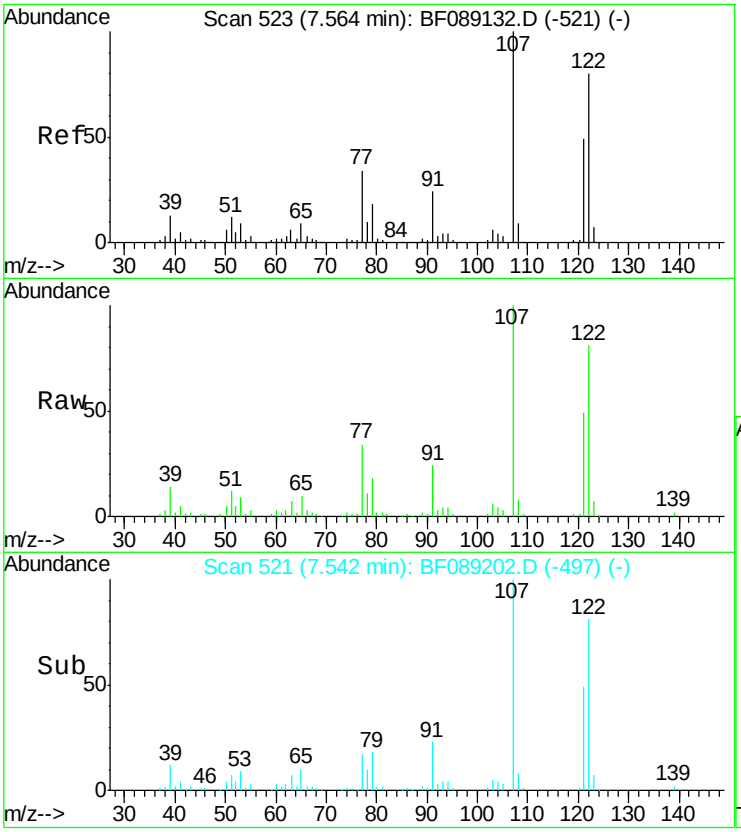


#26
2-Nitrophenol
Concen: 41.83 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:139 Resp: 79700

Ion	Ratio	Lower	Upper
139	100		
109	29.8	28.1	42.1
65	41.5	52.7	79.1#



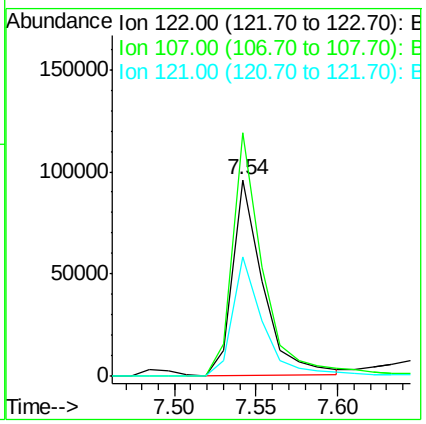


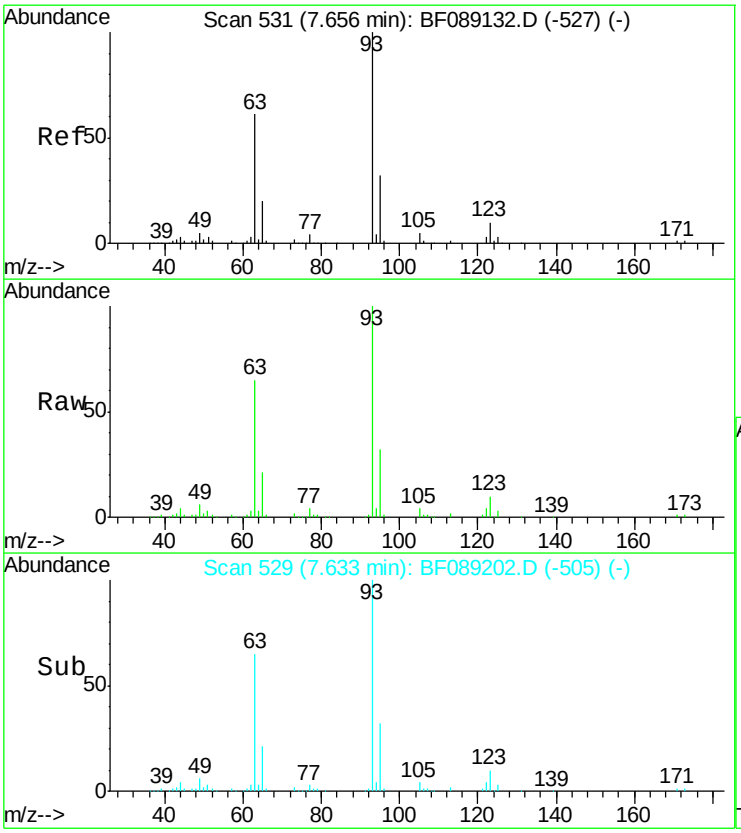
#27
2,4-Dimethylphenol
Concen: 38.33 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:122 Resp: 123042

Ion	Ratio	Lower	Upper
122	100		
107	123.9	99.7	149.5
121	60.9	48.5	72.7

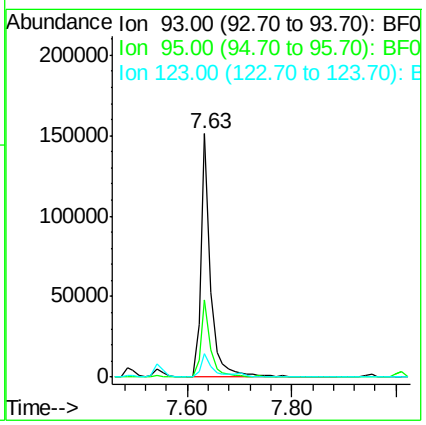


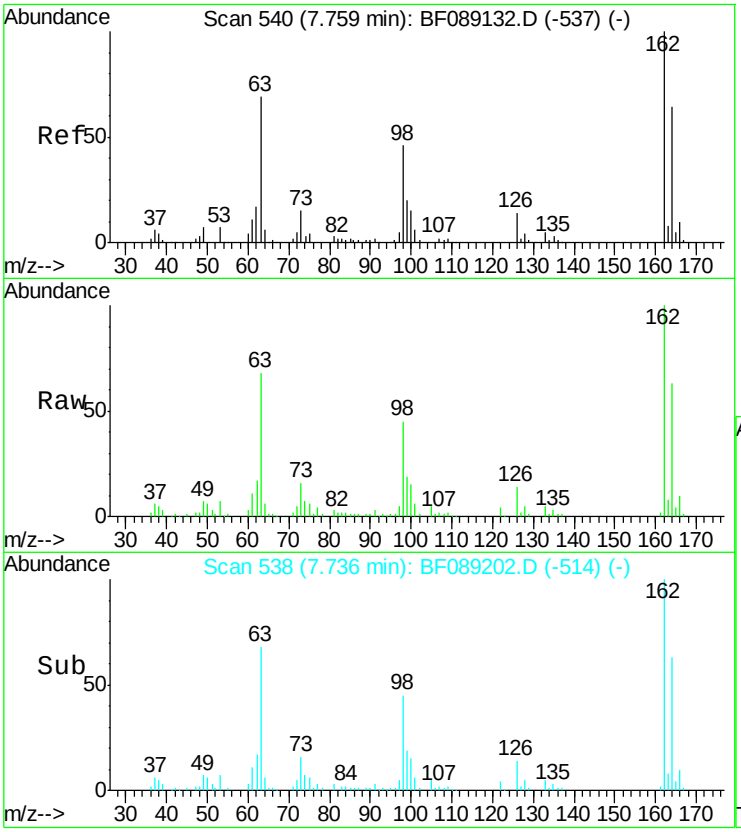


#28
bis(2-Chloroethoxy)methane
Concen: 43.41 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 93 Resp: 193855

Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	9.8	8.3	12.5



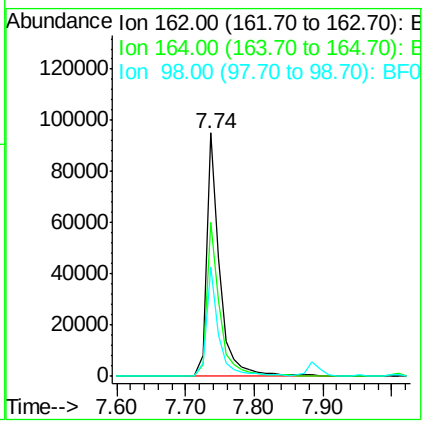


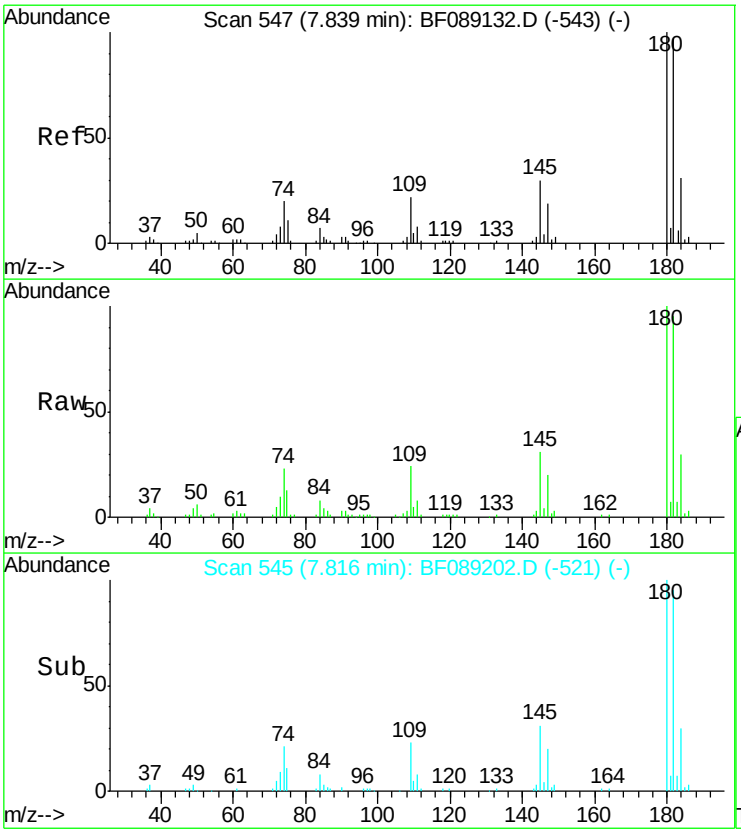
#29
2,4-Dichlorophenol
Concen: 43.54 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:162 Resp: 125976

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.0	84.0
98	44.6	26.0	66.0

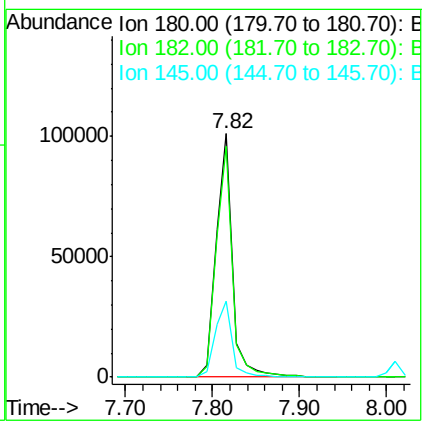


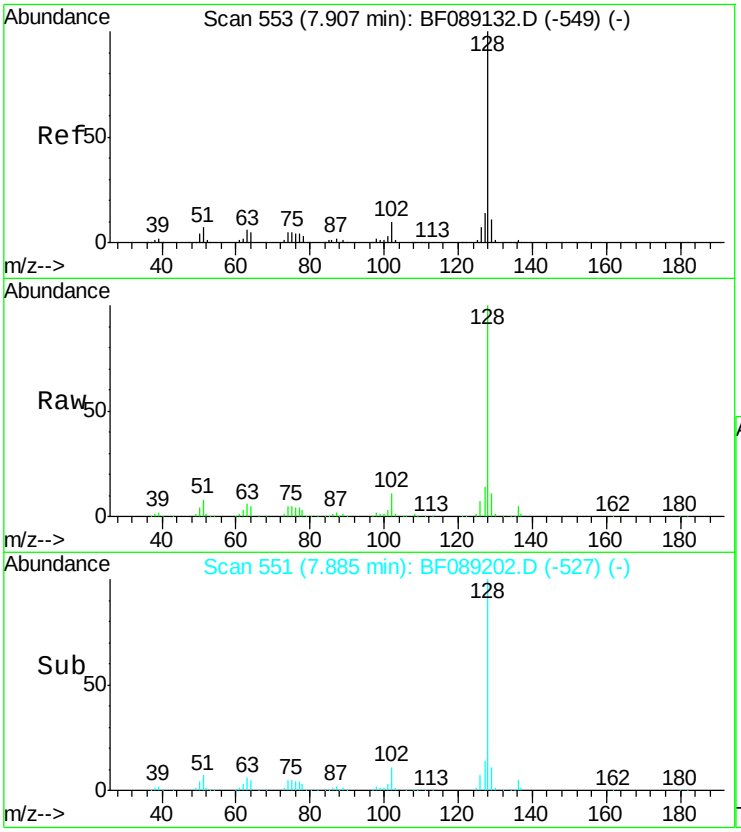


#30
1,2,4-Trichlorobenzene
Concen: 41.38 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:180 Resp: 132508

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.6	116.4
145	31.0	24.0	36.0



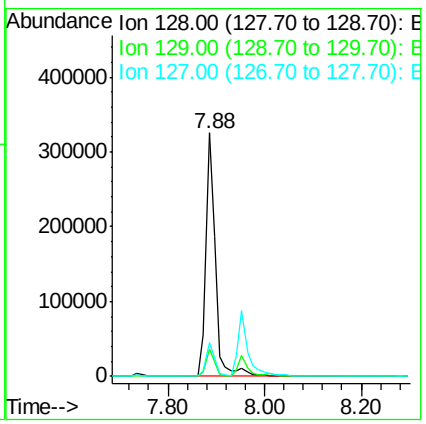


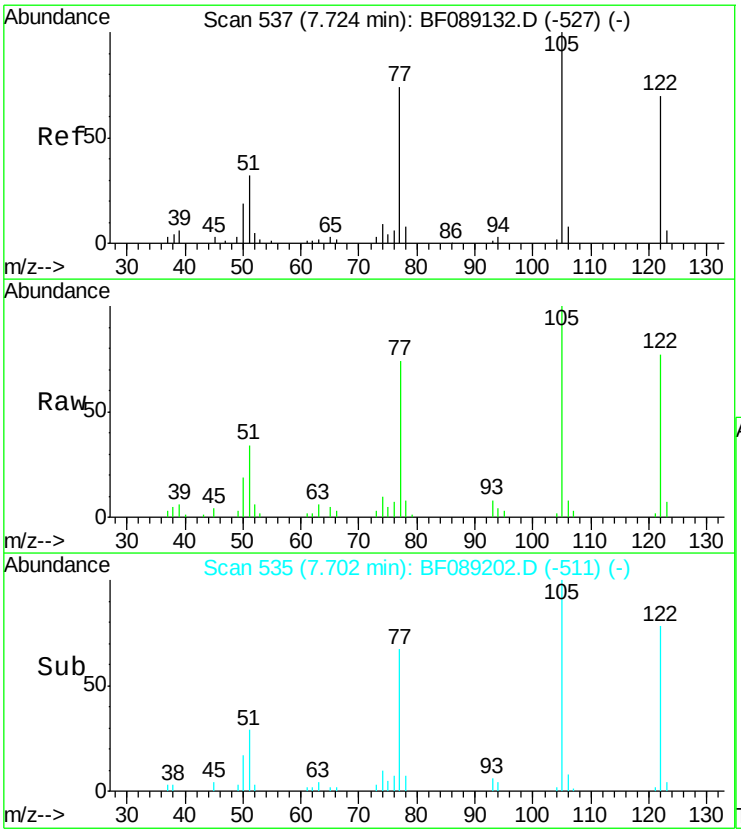
#31
Naphthalene
Concen: 40.19 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:128 Resp: 446421

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.8	16.2

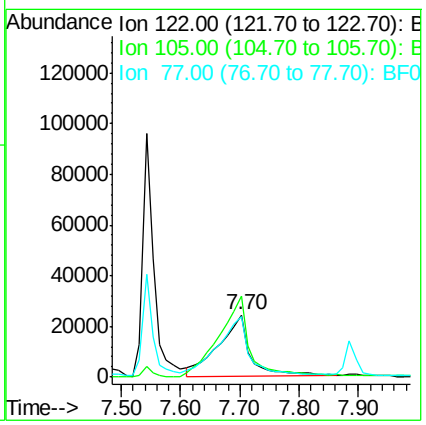


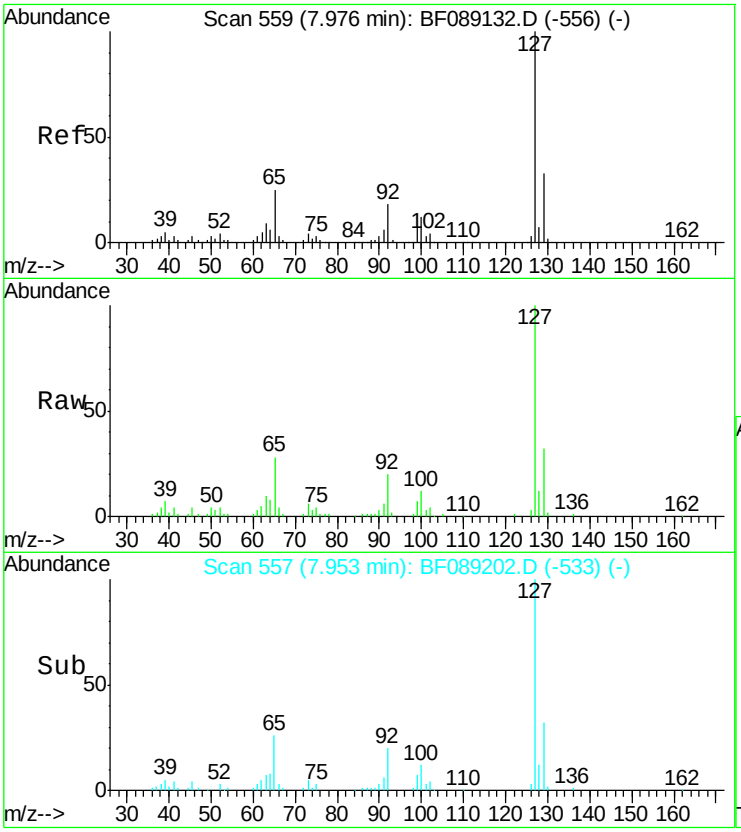


#32
Benzoic acid
Concen: 35.36 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:122 Resp: 87297

Ion	Ratio	Lower	Upper
122	100		
105	130.2	119.0	159.0
77	96.5	84.7	124.7



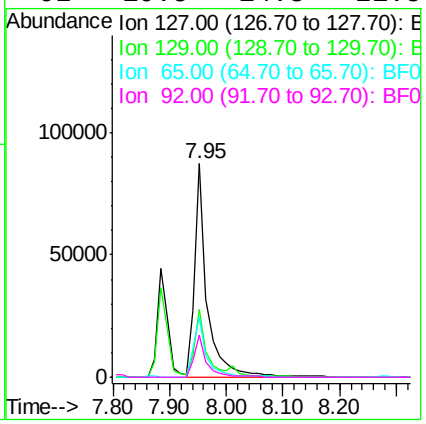


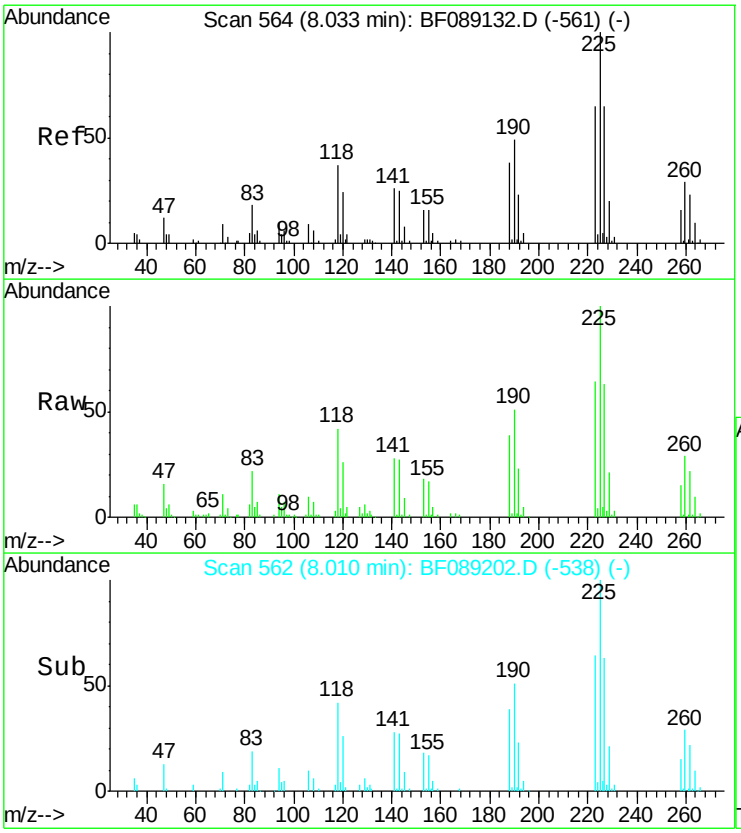
#33
4-Chloroaniline
Concen: 28.37 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:127 Resp: 132512

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.1	19.7	29.5
92	19.5	14.3	21.5

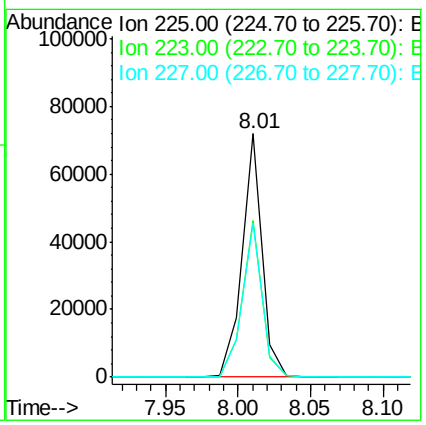


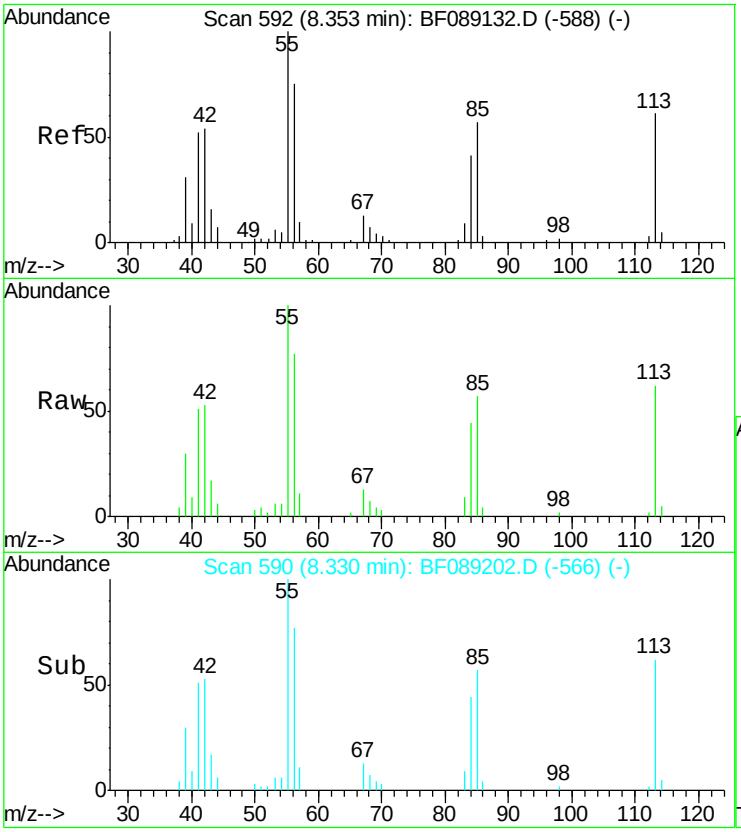


#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:225 Resp: 68774

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.6	77.4
227	63.5	51.6	77.4



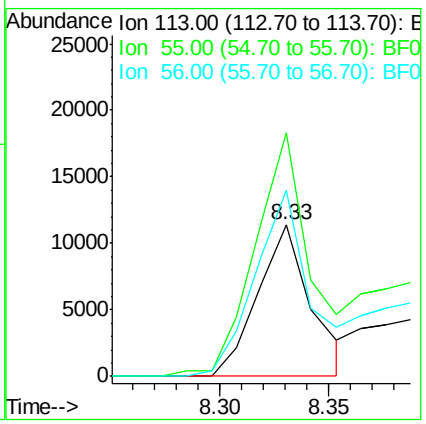


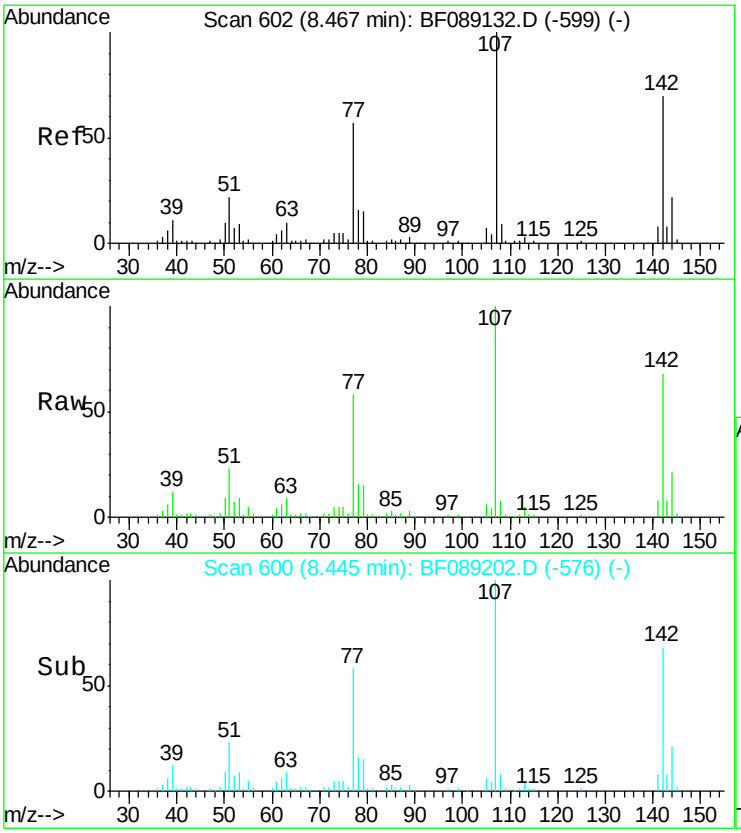
#35
Caprolactam
Concen: 21.67 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:113 Resp: 19472

Ion	Ratio	Lower	Upper
113	100		
55	160.5	145.3	185.3
56	122.8	104.3	144.3

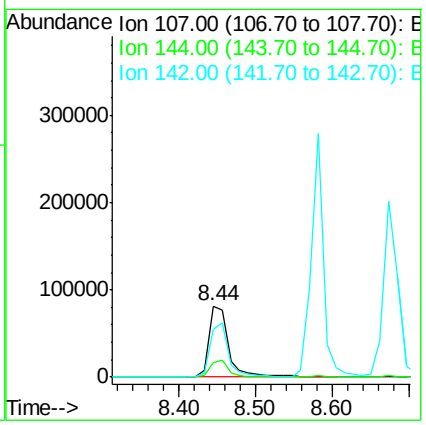


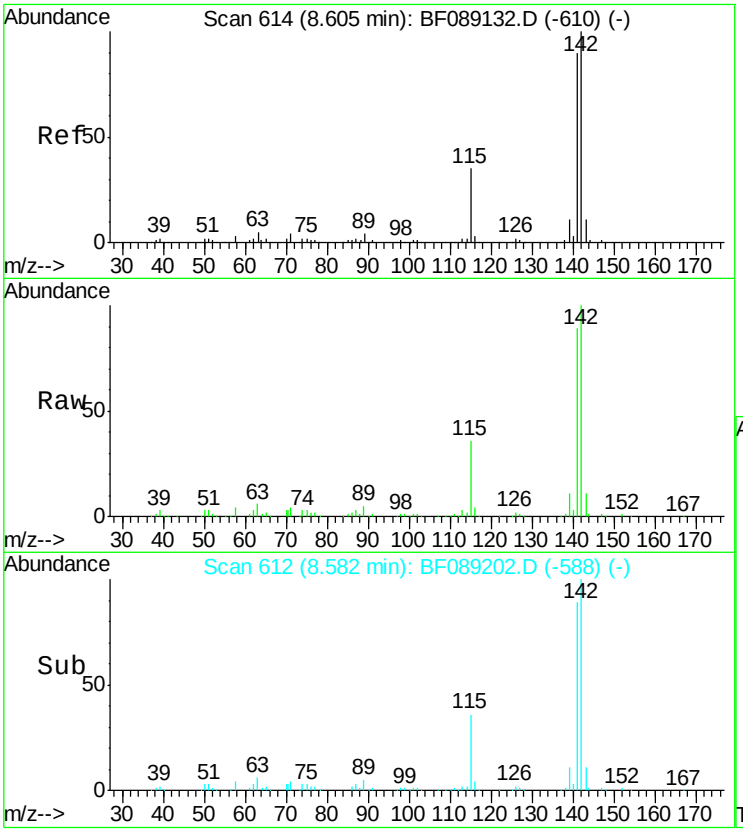


#36
4-Chloro-3-methylphenol
Concen: 41.56 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:107 Resp: 144854

Ion	Ratio	Lower	Upper
107	100		
144	21.3	17.8	26.6
142	67.7	56.1	84.1



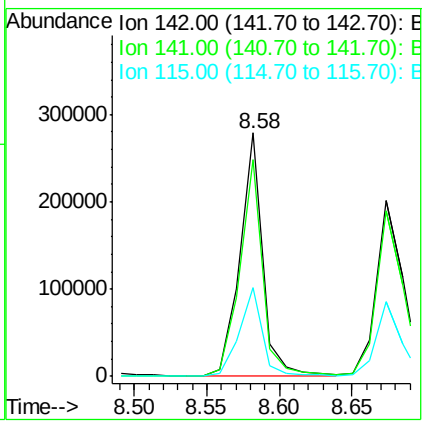


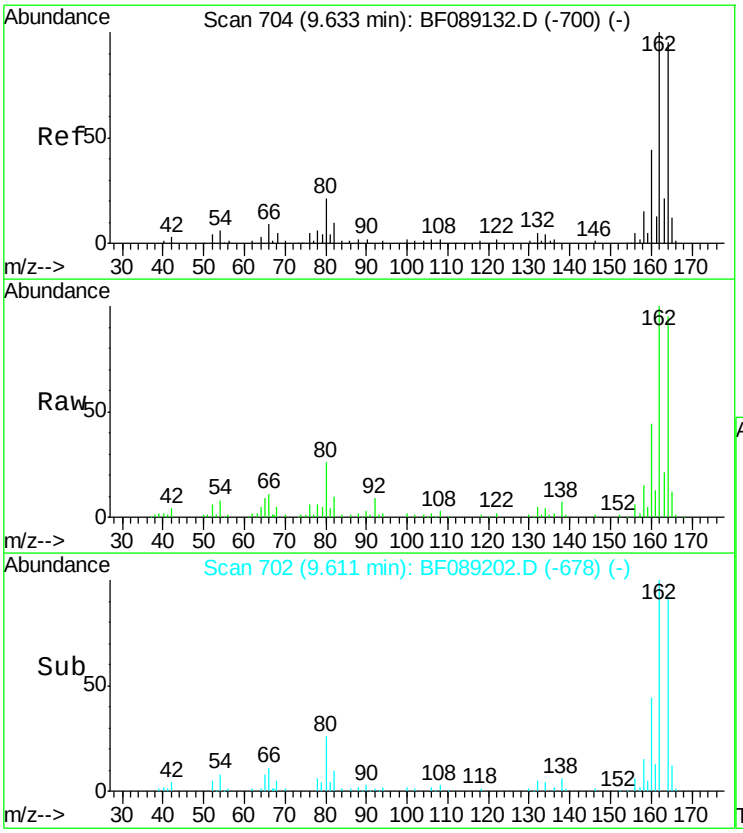
#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:142 Resp: 305035

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4
115	36.2	27.6	41.4

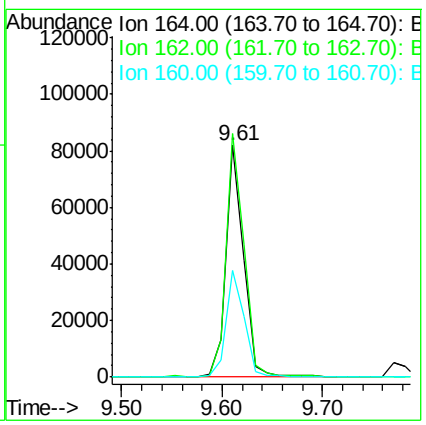


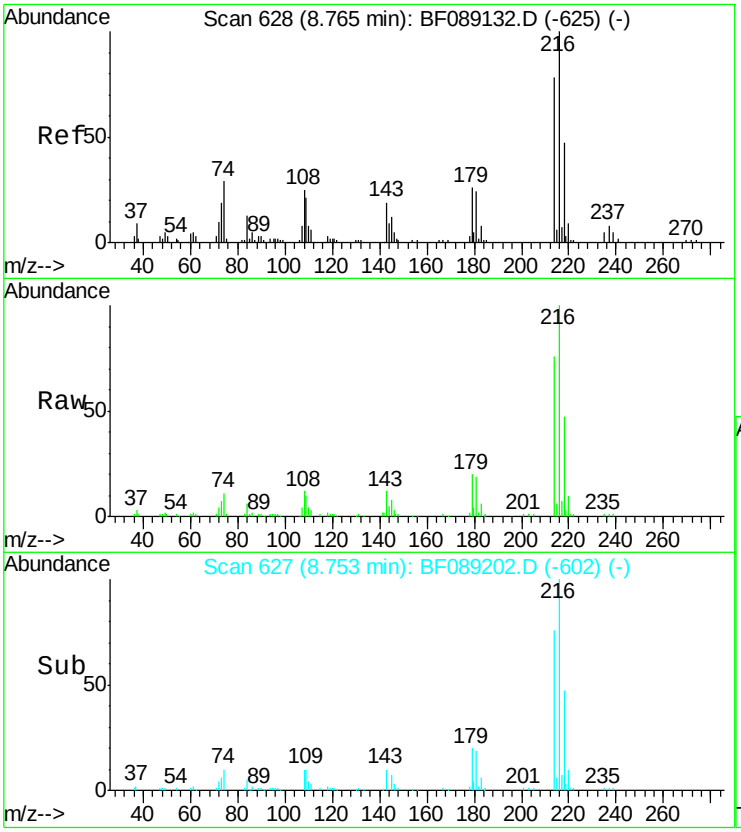


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:164 Resp: 99577

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.1	126.1
160	46.1	37.1	55.7



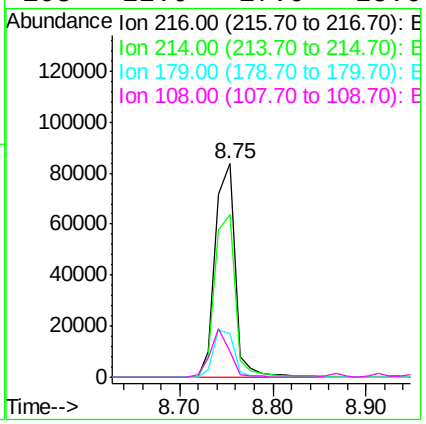


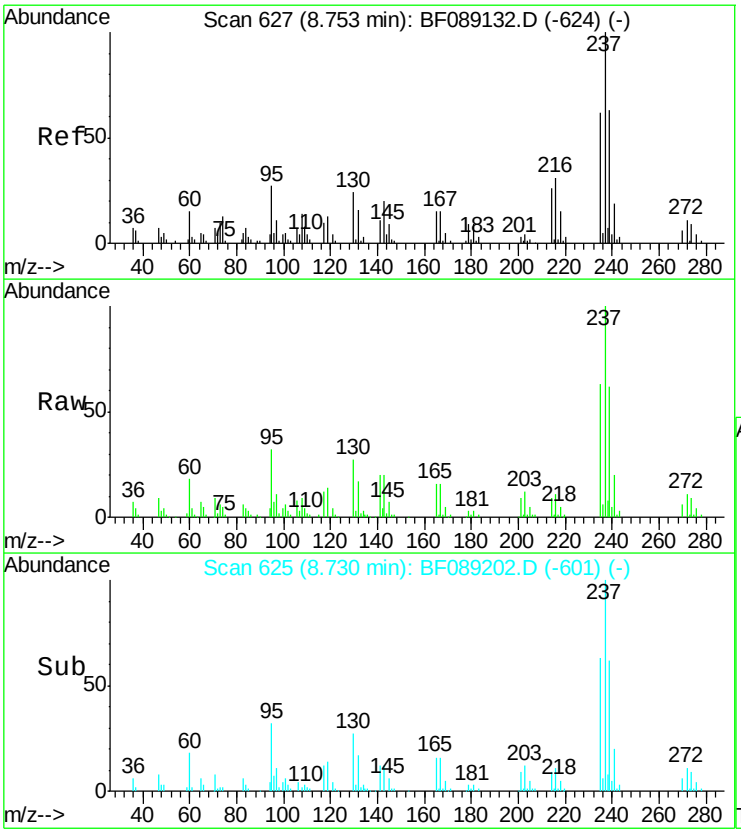
#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.82 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:216 Resp: 125154

Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.9	92.9
179	22.7	18.4	27.6
108	22.0	17.0	25.6

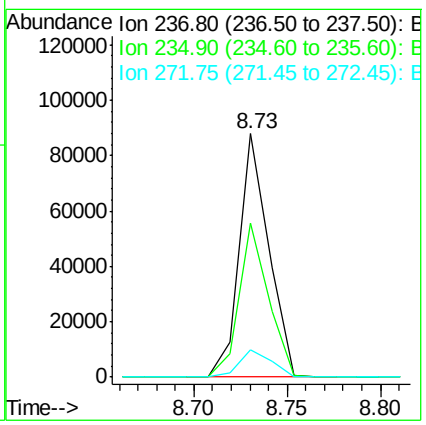


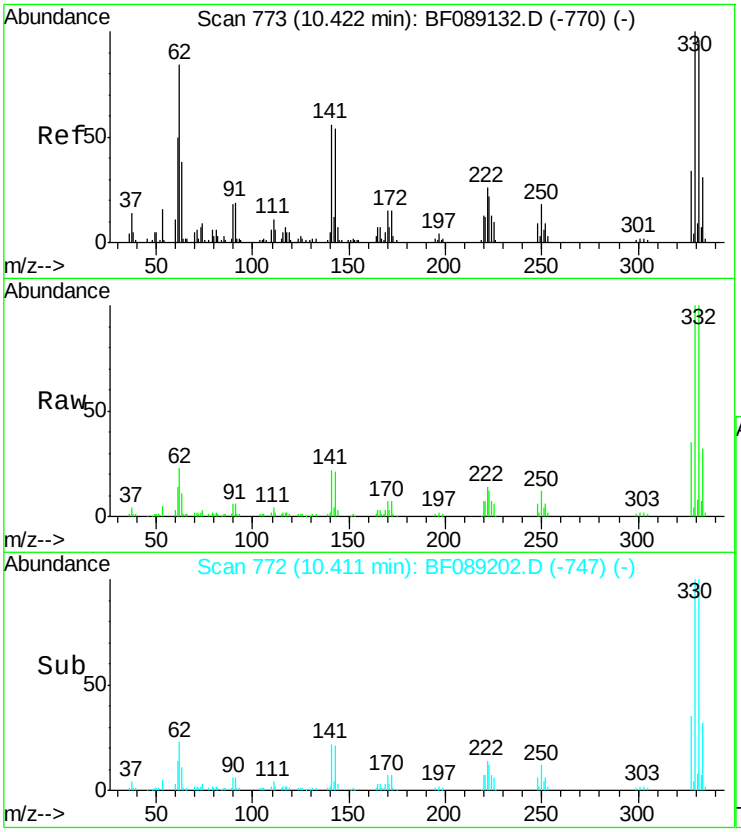


#40
Hexachlorocyclopentadiene
Concen: 78.18 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:237 Resp: 96605

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.1	82.1
272	11.3	0.0	31.4



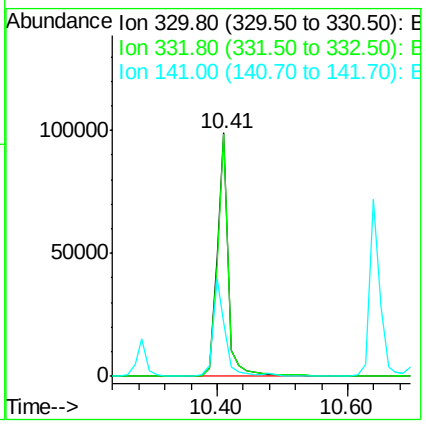


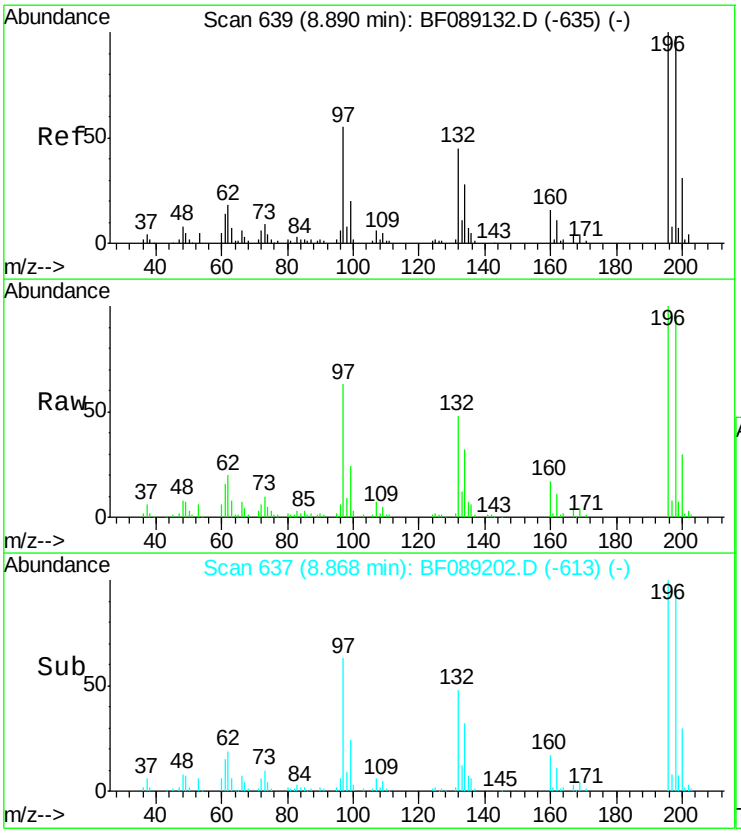
#41
2,4,6-Tribromophenol
Concen: 135.05 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:330 Resp: 121073

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.2	115.8
141	44.1	42.2	63.2

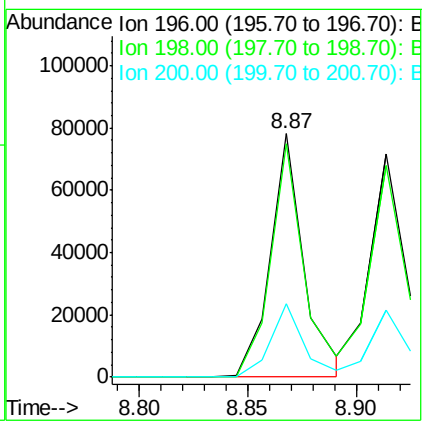


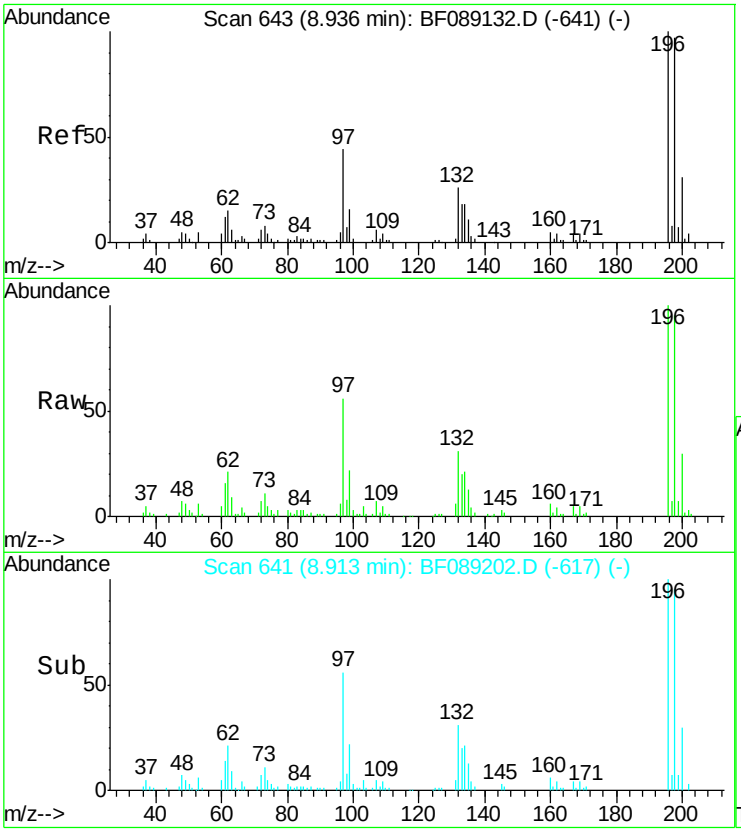


#42
2,4,6-Trichlorophenol
Concen: 40.71 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:196 Resp: 84325

Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
200	29.9	25.0	37.4



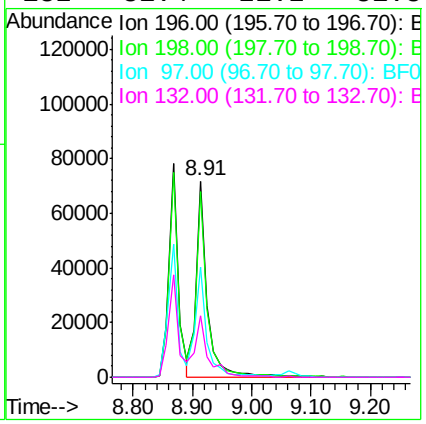


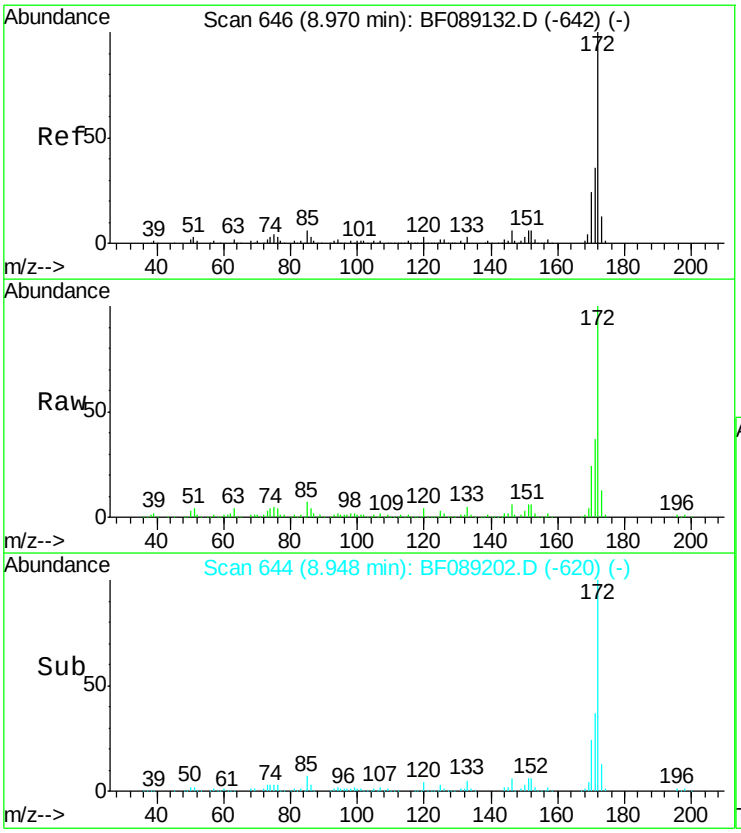
#43
2,4,5-Trichlorophenol
Concen: 46.93 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:196 Resp: 97586

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.6	116.4
97	56.3	36.5	54.7#
132	31.4	21.2	31.8

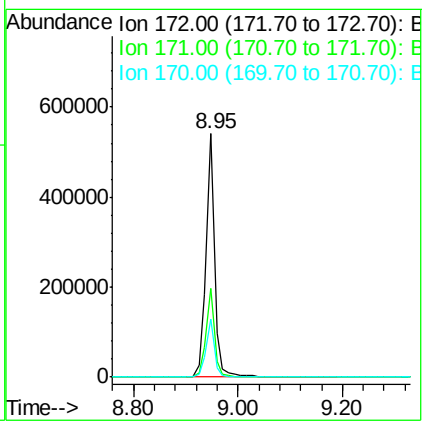


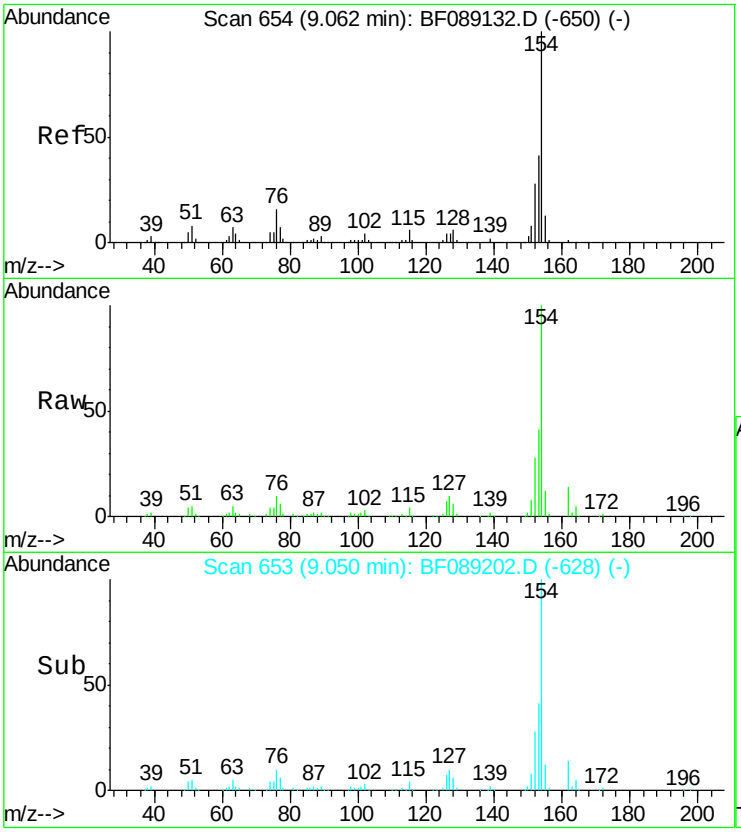


#44
2-Fluorobiphenyl
Concen: 85.27 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:172 Resp: 616288

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.9	19.1	28.7



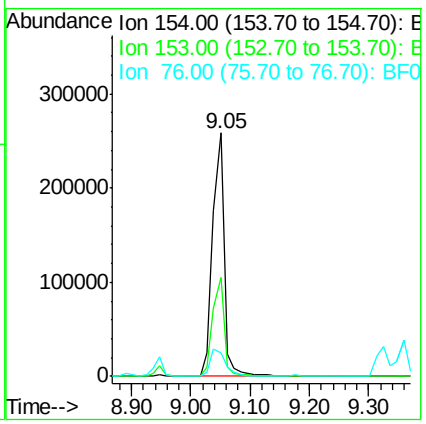


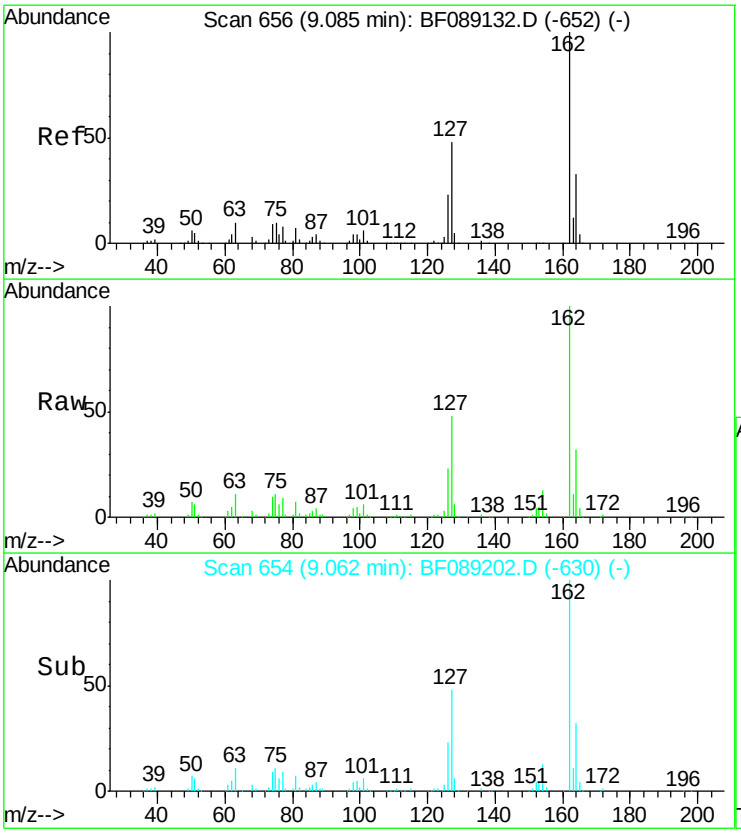
#45
1,1'-Biphenyl
Concen: 39.04 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:154 Resp: 350121

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	9.8	0.0	35.8

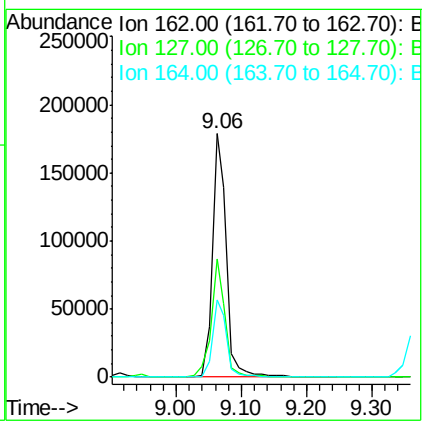


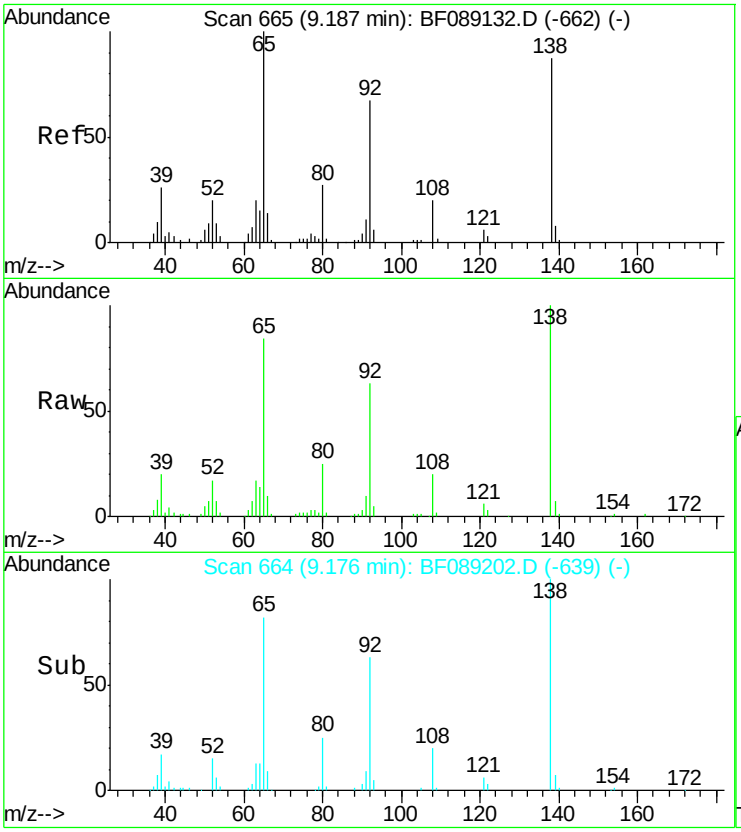


#46
2-Chloronaphthalene
Concen: 39.71 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:162 Resp: 270621

Ion	Ratio	Lower	Upper
162	100		
127	48.5	38.1	57.1
164	31.5	26.1	39.1



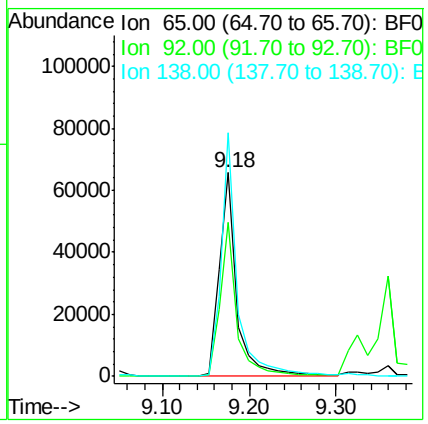


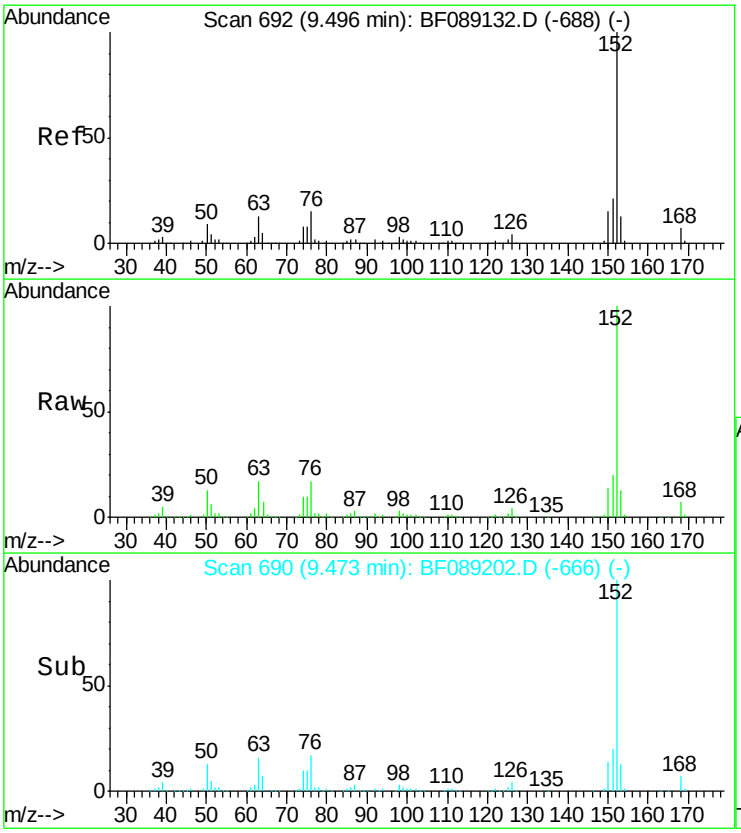
#47
2-Nitroaniline
Concen: 40.08 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion: 65 Resp: 93699

Ion	Ratio	Lower	Upper
65	100		
92	75.6	53.2	79.8
138	119.8	69.4	104.2#

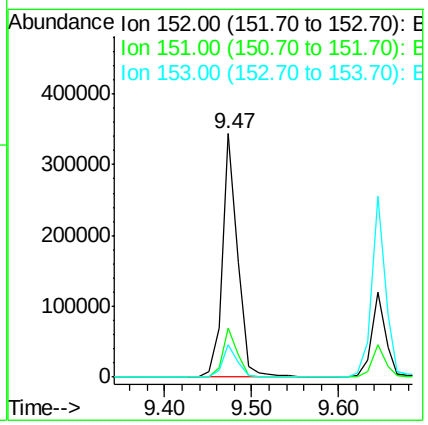


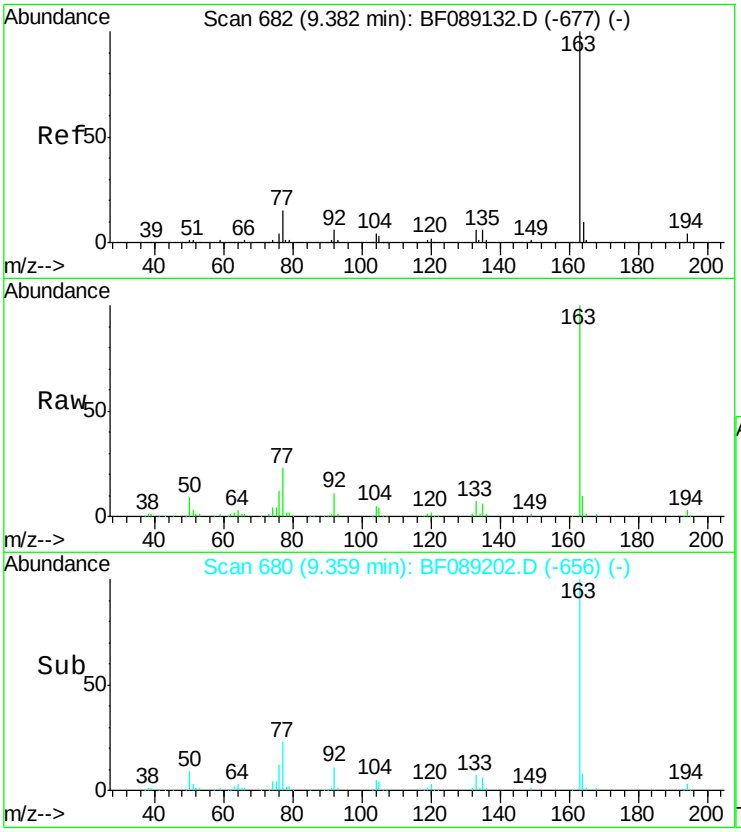


#48
Acenaphthylene
Concen: 39.32 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:152 Resp: 421305

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.1	10.7	16.1



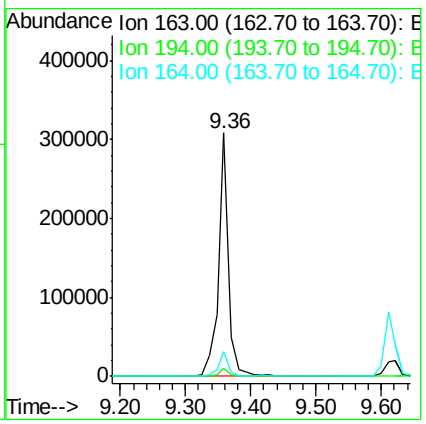


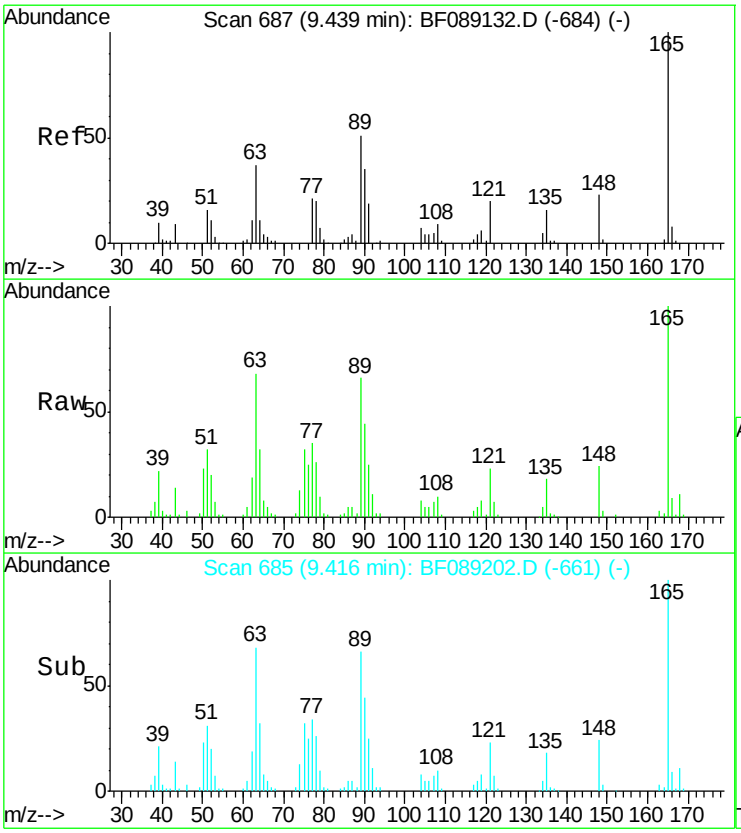
#49
Dimethylphthalate
Concen: 44.09 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:163 Resp: 336913

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	9.9	7.6	11.4

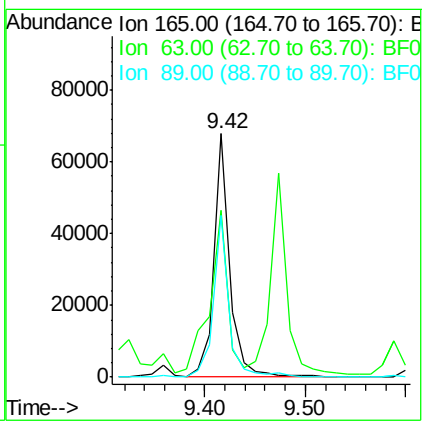


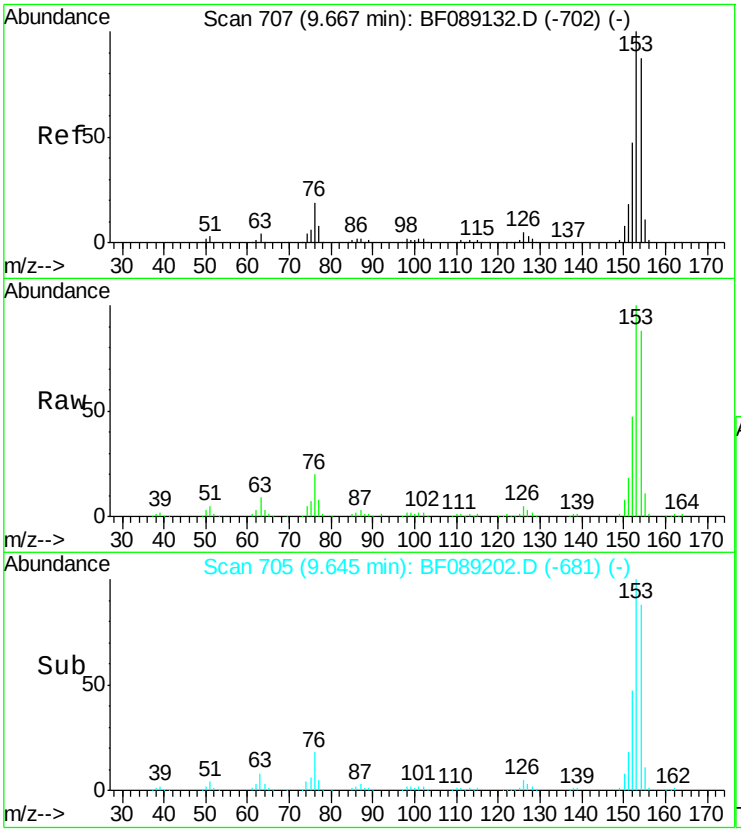


#50
2,6-Dinitrotoluene
Concen: 43.30 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:165 Resp: 74707

Ion	Ratio	Lower	Upper
165	100		
63	68.5	37.0	55.4#
89	66.4	40.9	61.3#



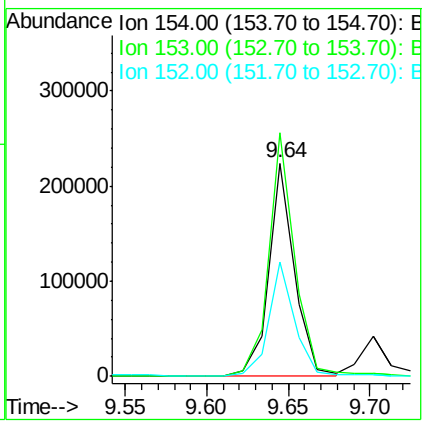


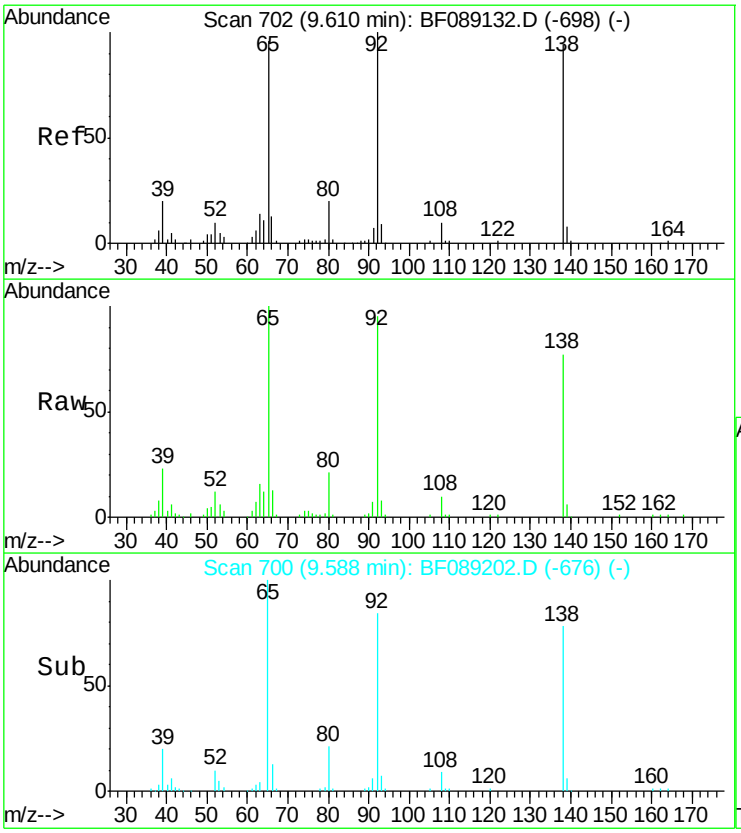
#51
Acenaphthene
Concen: 38.97 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:154 Resp: 246954

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.9	137.9
152	53.8	42.8	64.2

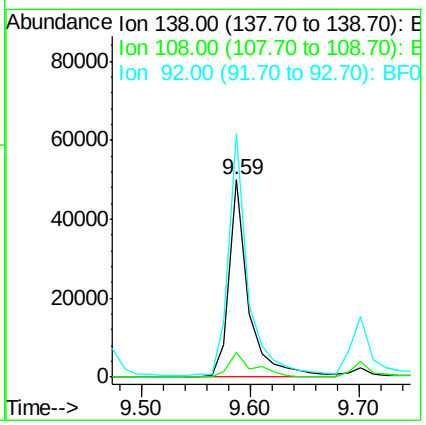


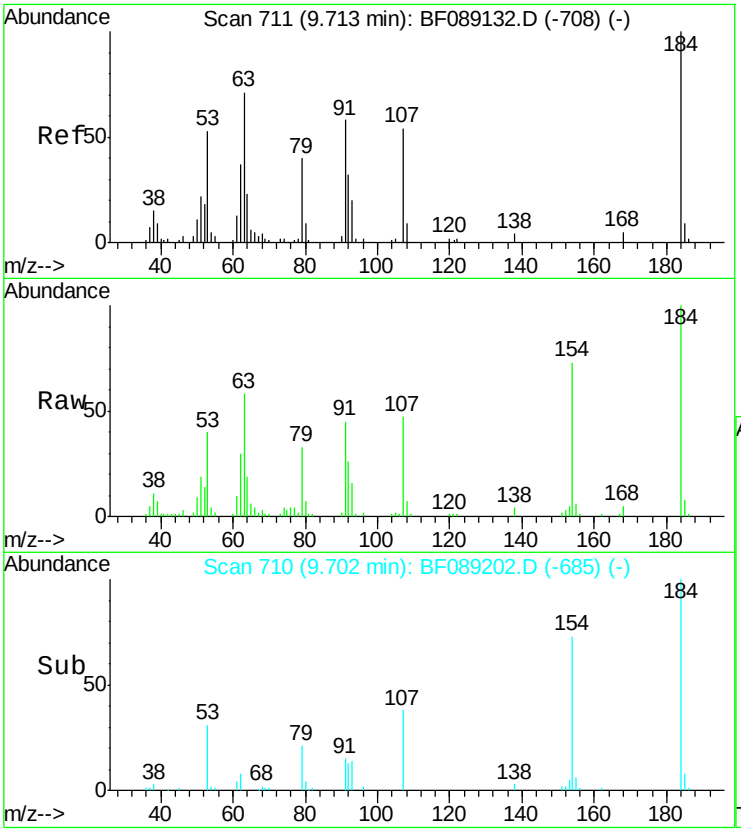


#52
3-Nitroaniline
Concen: 30.30 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:138 Resp: 62073

Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.8	13.2
92	123.4	85.3	127.9



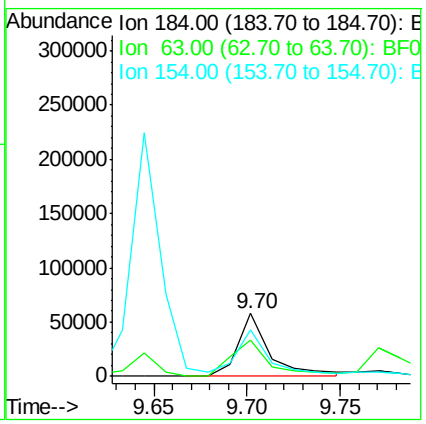


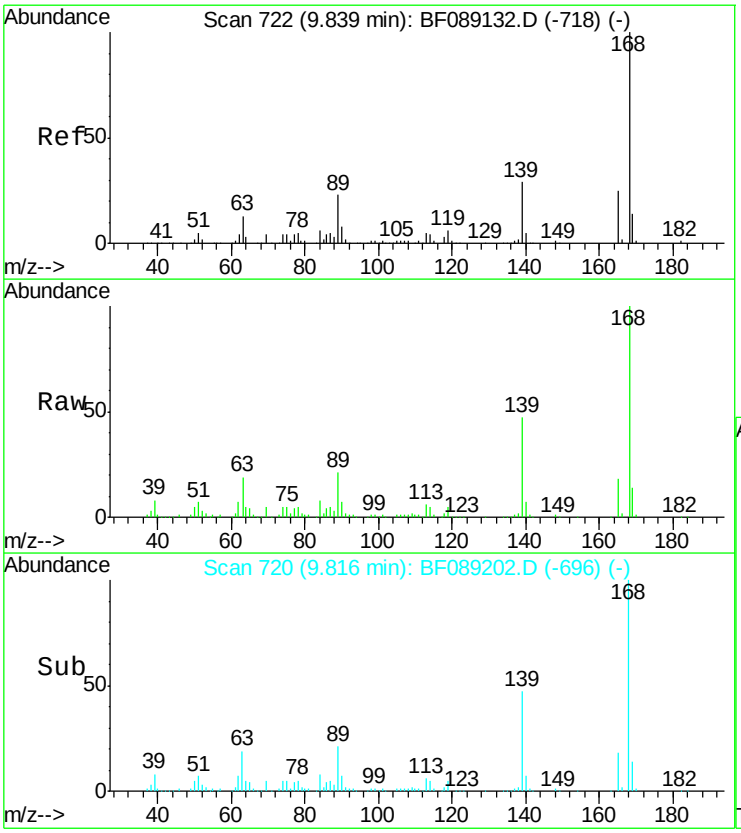
#53
2,4-Dinitrophenol
Concen: 78.62 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:184 Resp: 69023

Ion	Ratio	Lower	Upper
184	100		
63	58.5	60.3	90.5#
154	73.2	60.7	91.1

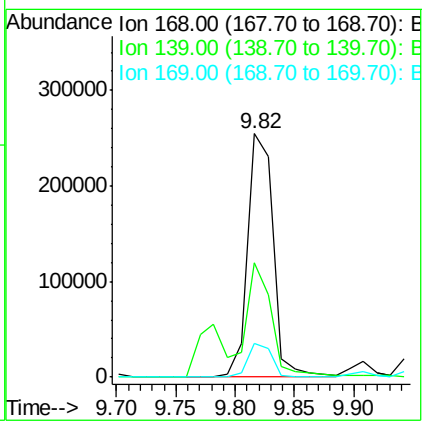


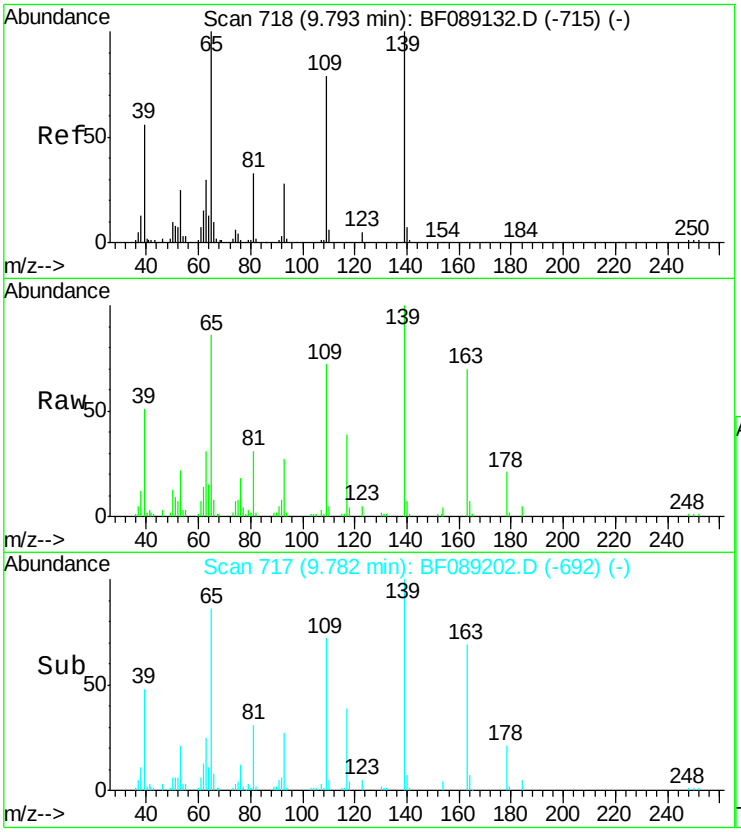


#54
Dibenzofuran
Concen: 44.84 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:168 Resp: 383961

Ion	Ratio	Lower	Upper
168	100		
139	47.1	34.4	51.6
169	13.9	10.8	16.2



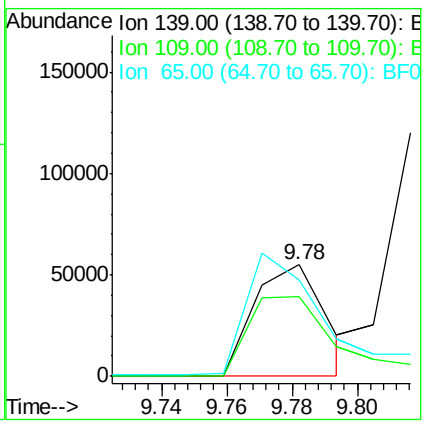


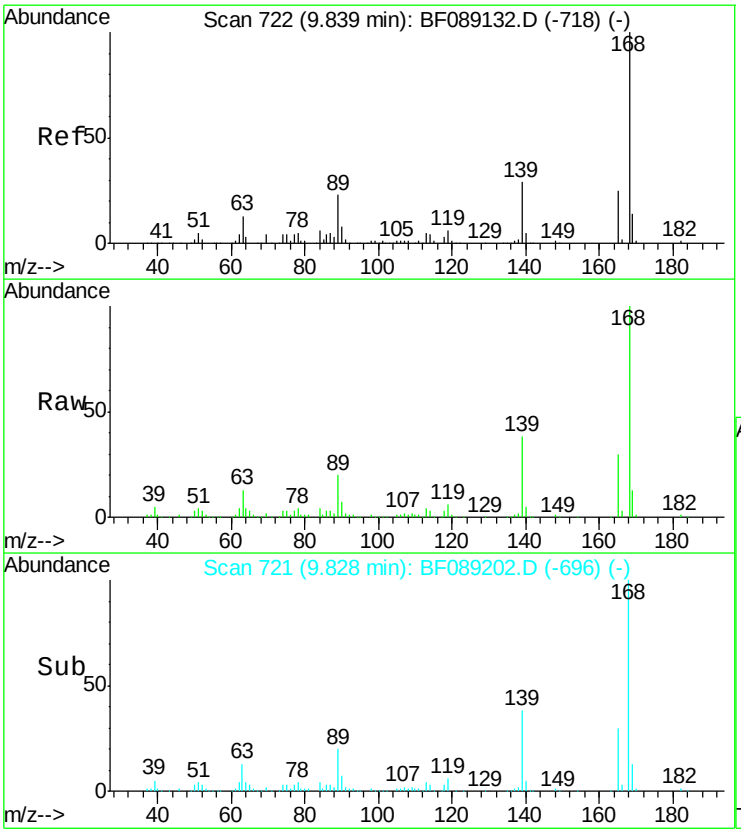
#55
4-Nitrophenol
Concen: 66.56 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:139 Resp: 82504

Ion	Ratio	Lower	Upper
139	100		
109	72.2	58.7	98.7
65	86.3	80.2	120.2

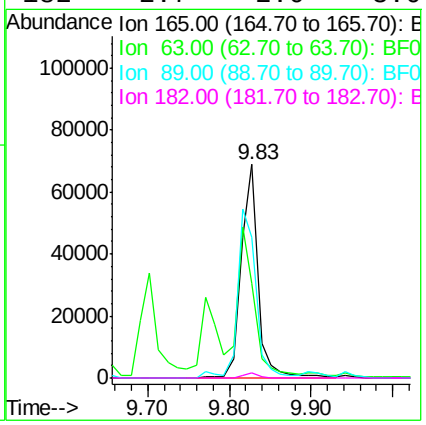


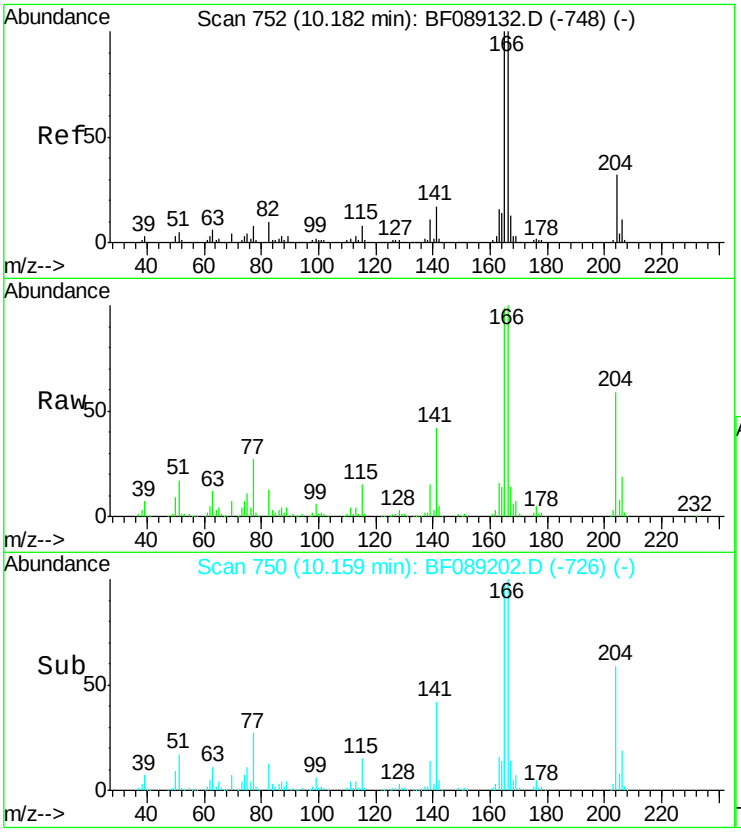


#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:165 Resp: 98762

Ion	Ratio	Lower	Upper
165	100		
63	44.5	55.4	83.2#
89	65.8	74.3	111.5#
182	2.7	2.0	3.0



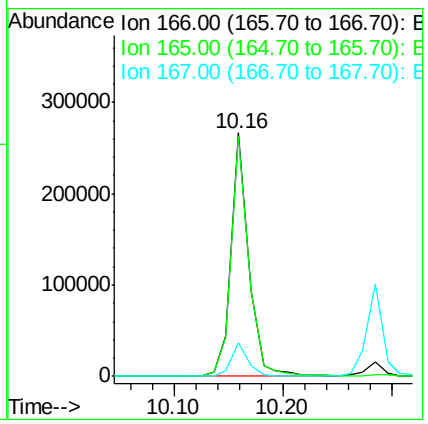


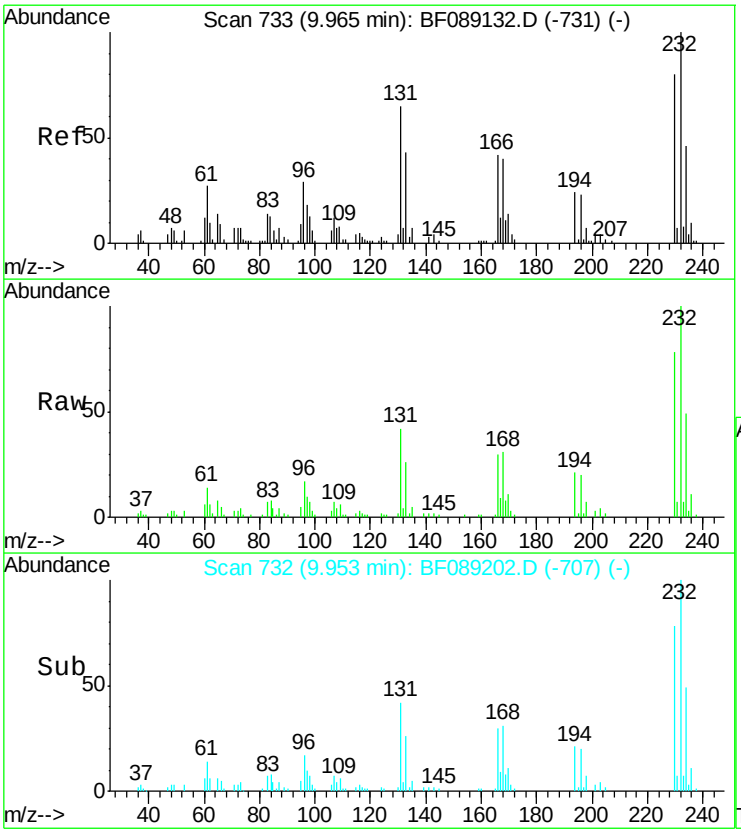
#57
Fluorene
Concen: 41.10 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:166 Resp: 298744

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.9	119.9
167	13.6	10.7	16.1

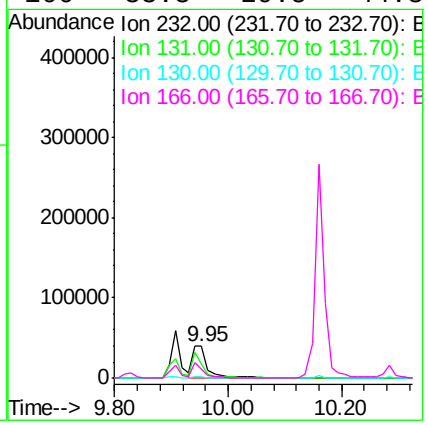


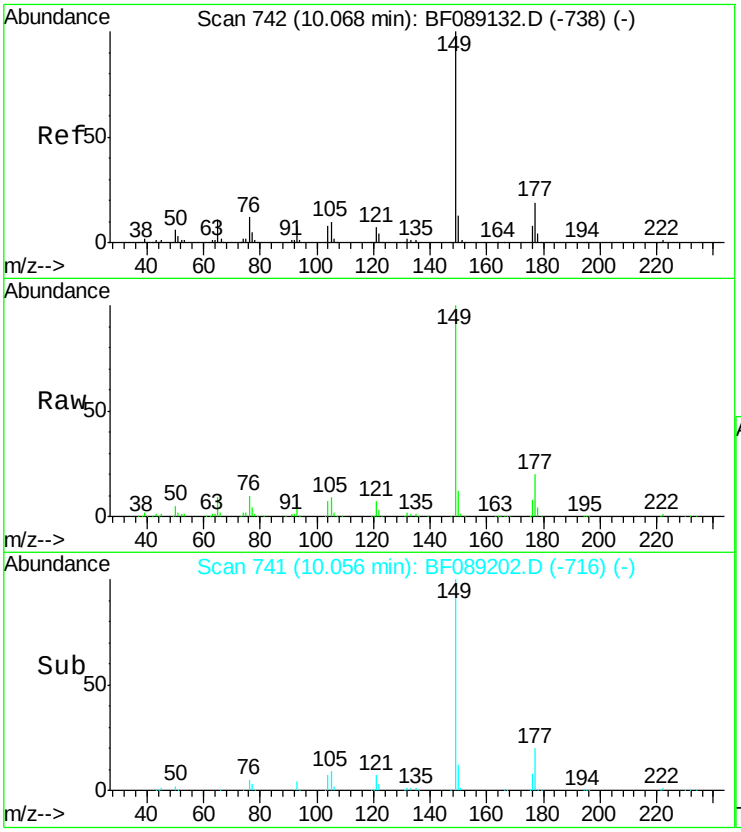


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.14 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:232 Resp: 71901

Ion	Ratio	Lower	Upper
232	100		
131	58.1	46.2	69.2
130	2.4	2.3	3.5
166	33.3	29.5	44.3



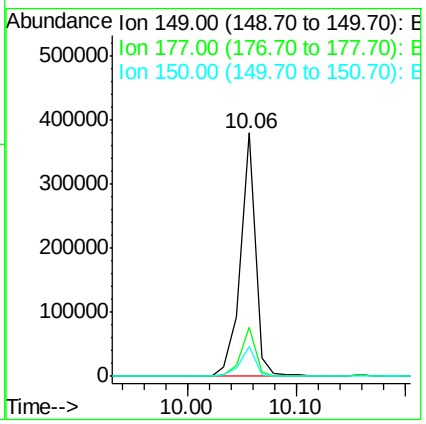


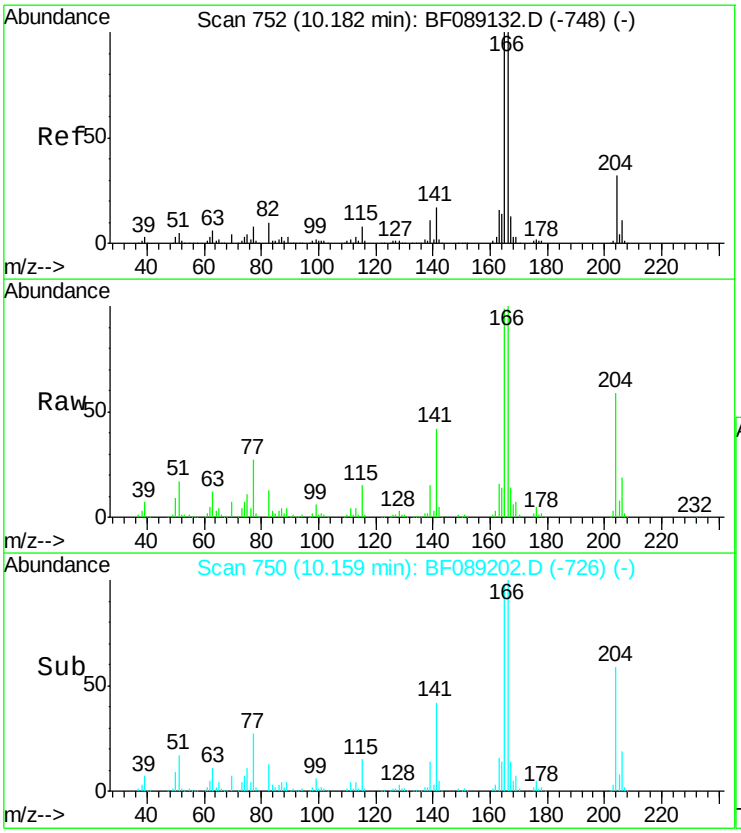
#59
Diethylphthalate
Concen: 47.99 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:149 Resp: 363611

Ion	Ratio	Lower	Upper
149	100		
177	20.0	15.6	23.4
150	12.3	10.1	15.1

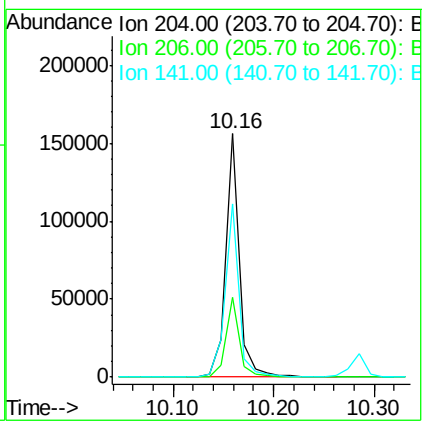


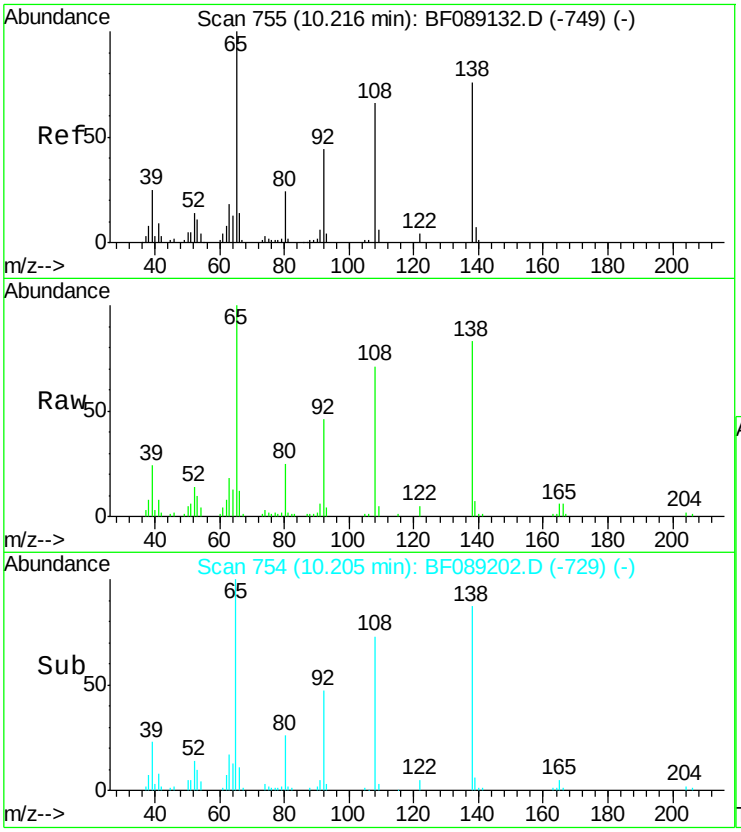


#60
4-Chlorophenyl-phenylether
Concen: 44.21 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:204 Resp: 146702

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.4
141	71.1	42.2	63.4#



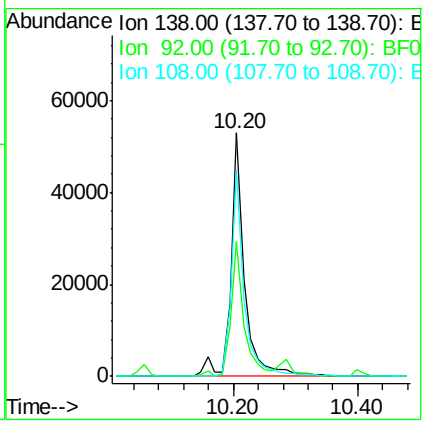


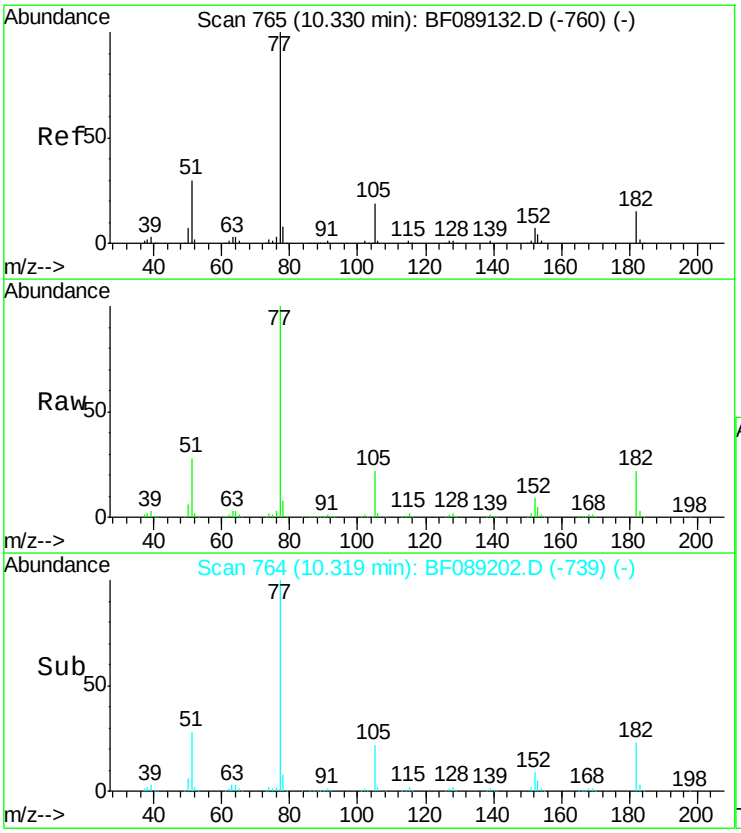
#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:138 Resp: 81183

Ion	Ratio	Lower	Upper
138	100		
92	55.4	37.2	77.2
108	84.9	66.1	106.1

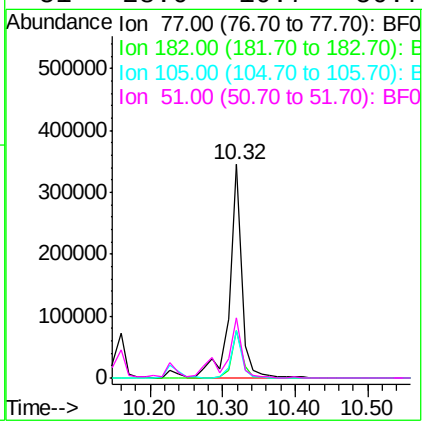


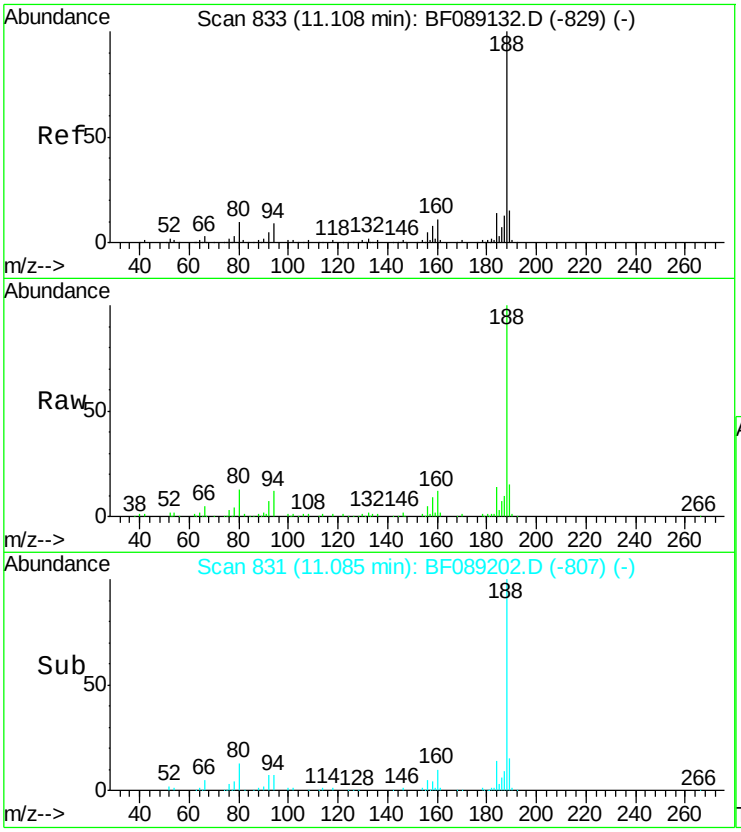


#62
Azobenzene
Concen: 47.86 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion: 77 Resp: 394142

Ion	Ratio	Lower	Upper
77	100		
182	22.5	0.0	35.0
105	22.0	0.0	39.4
51	28.0	10.7	50.7



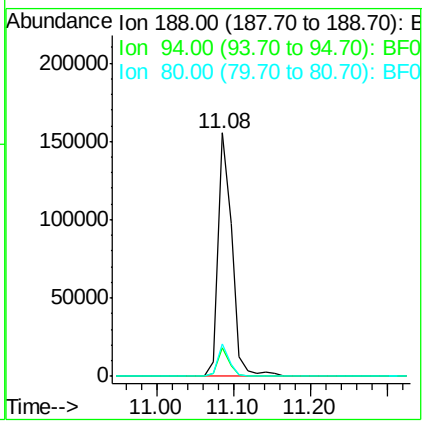


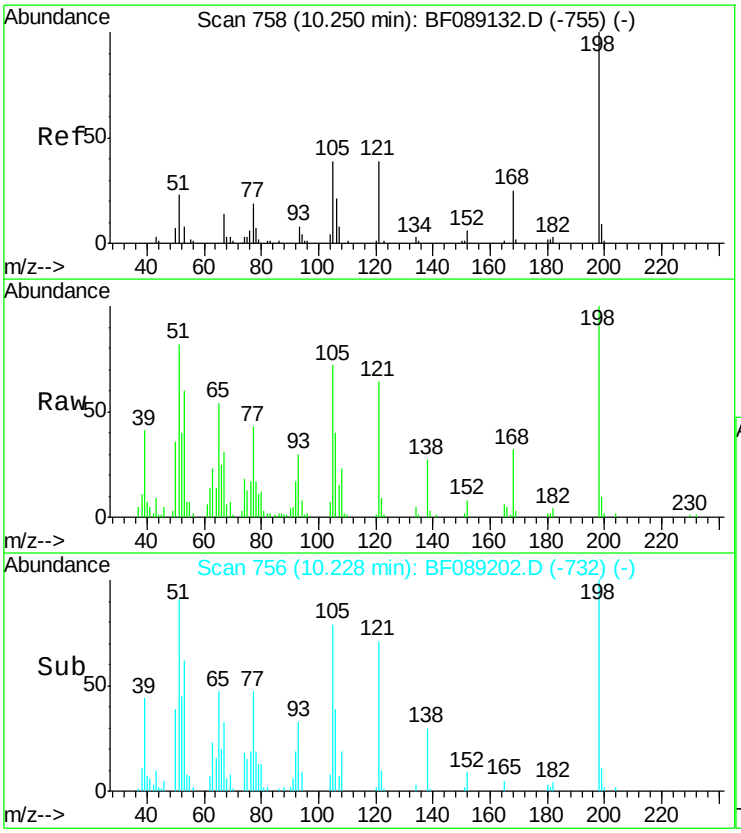
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:188 Resp: 198007

Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.0	10.4#
80	13.5	7.7	11.5#

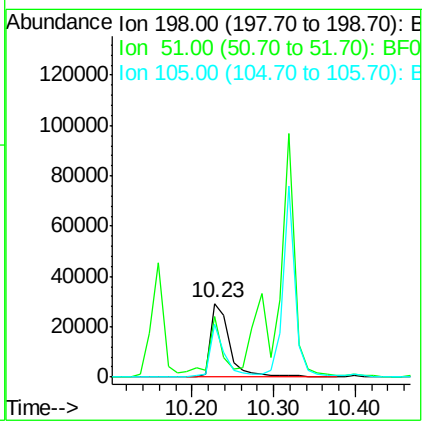


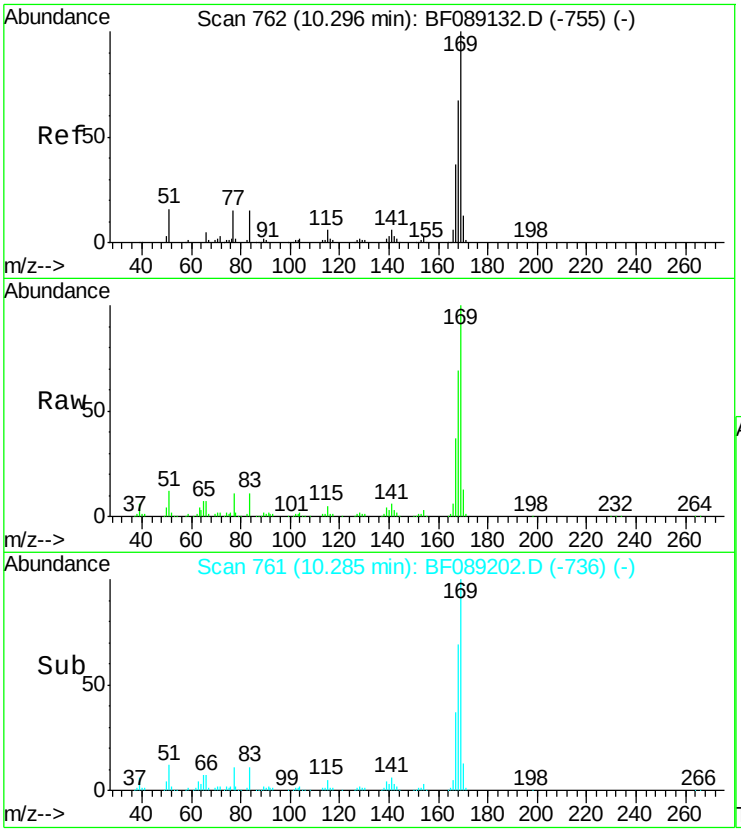


#64
4,6-Dinitro-2-methylphenol
Concen: 41.89 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:198 Resp: 48289

Ion	Ratio	Lower	Upper
198	100		
51	81.8	11.7	51.7#
105	71.6	20.3	60.3#



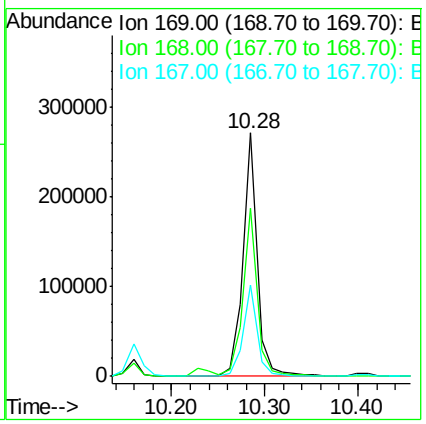


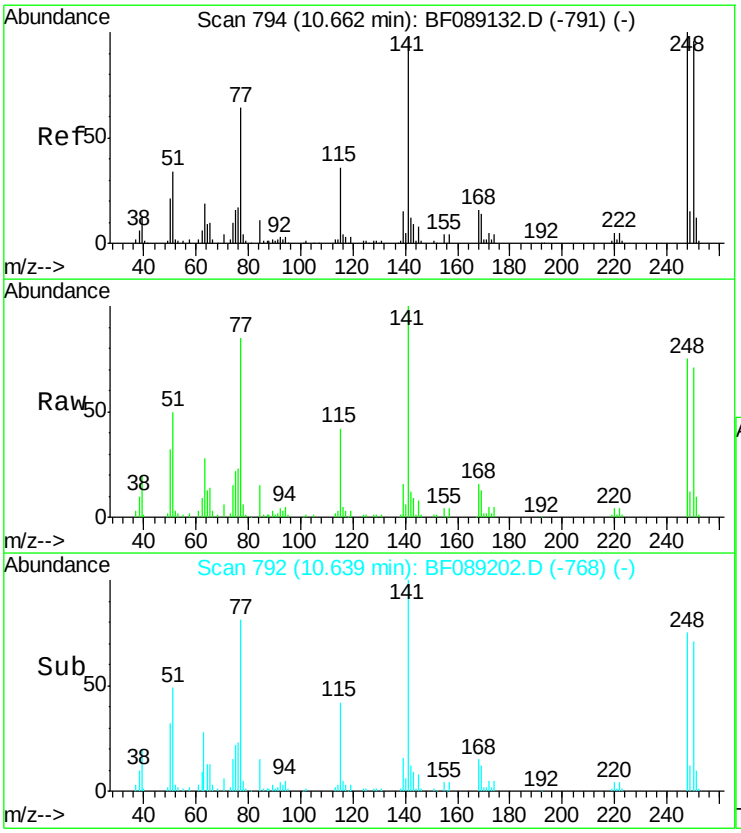
#65
n-Nitrosodiphenylamine
Concen: 43.95 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:169 Resp: 290853

Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.4	80.0
167	37.4	29.5	44.3

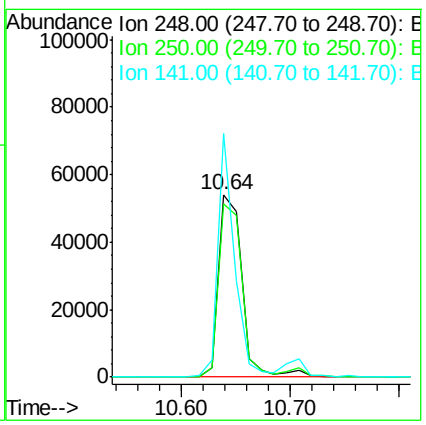


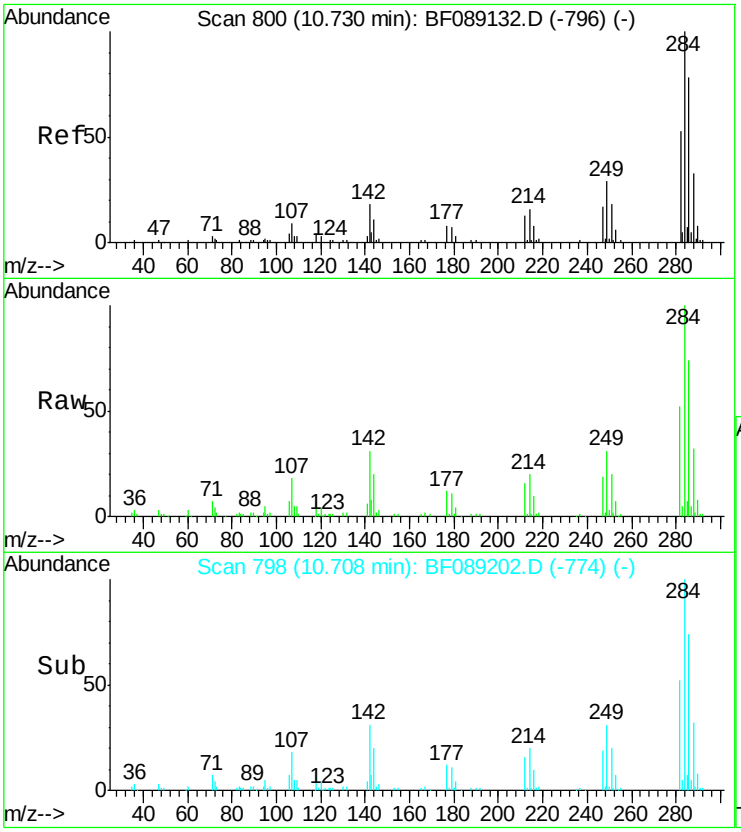


#66
4-Bromophenyl-phenylether
Concen: 41.32 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:248 Resp: 80956

Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.9	115.3
141	133.2	77.4	116.2#



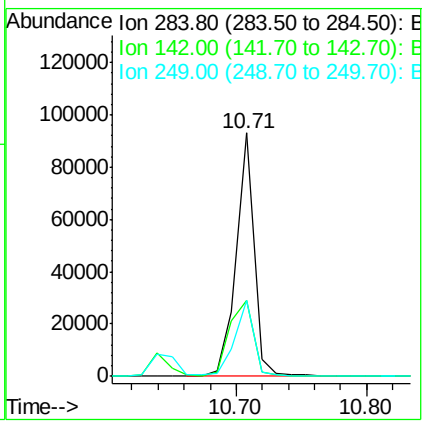


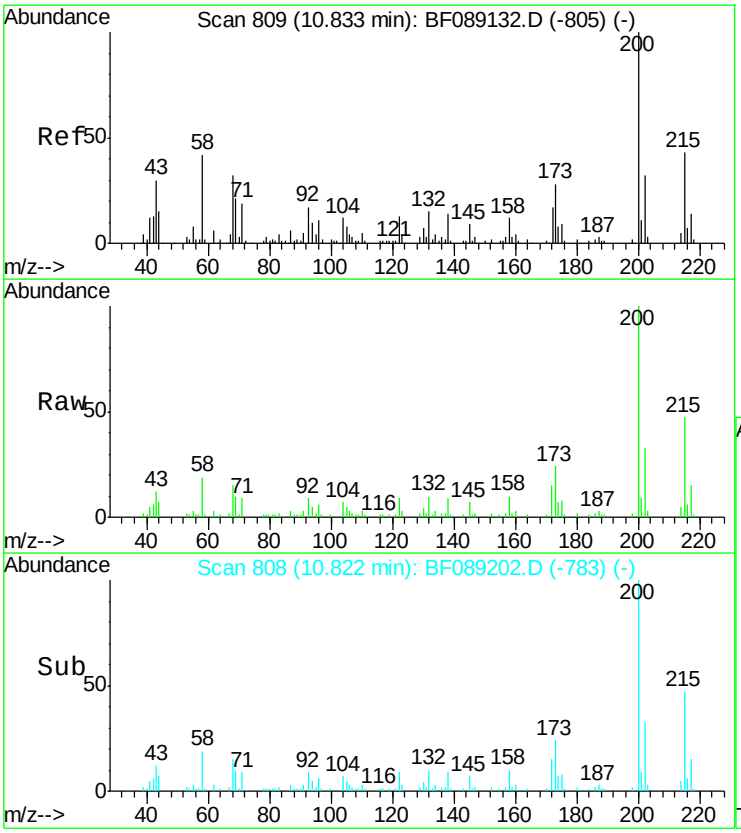
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:284 Resp: 88520

Ion	Ratio	Lower	Upper
284	100		
142	31.4	14.1	21.1#
249	31.4	23.0	34.4

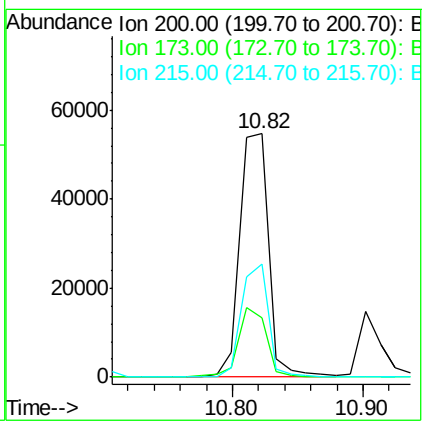


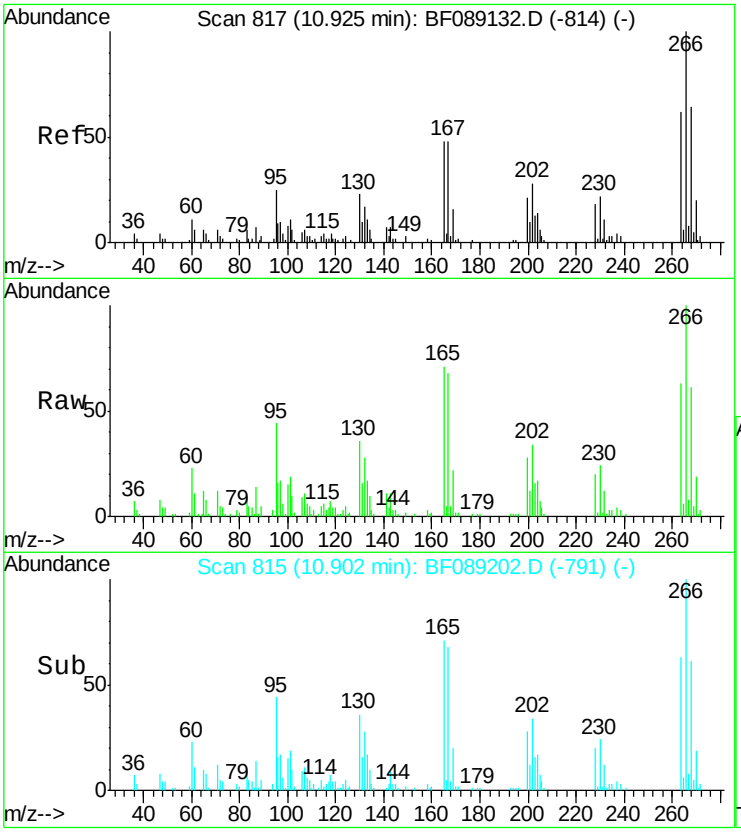


#68
Atrazine
Concen: 40.46 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:200 Resp: 83726

Ion	Ratio	Lower	Upper
200	100		
173	24.4	7.8	47.8
215	46.5	22.9	62.9



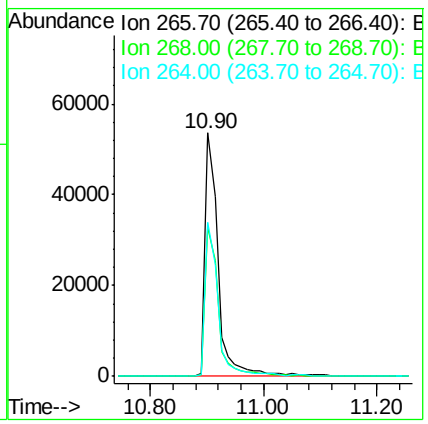


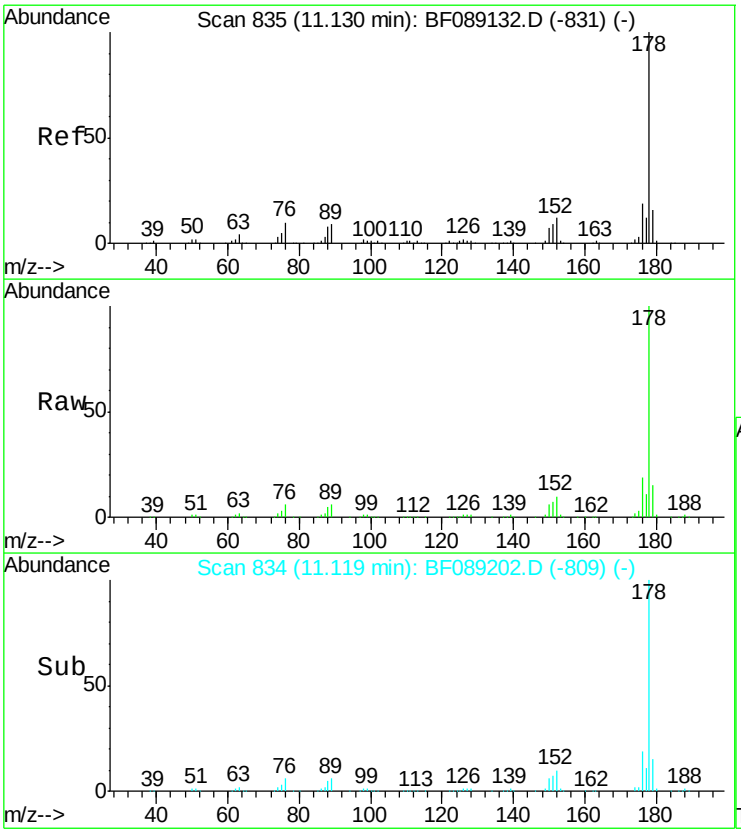
#69
Pentachlorophenol
Concen: 85.07 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:266 Resp: 82708

Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.2	76.8
264	63.5	49.7	74.5

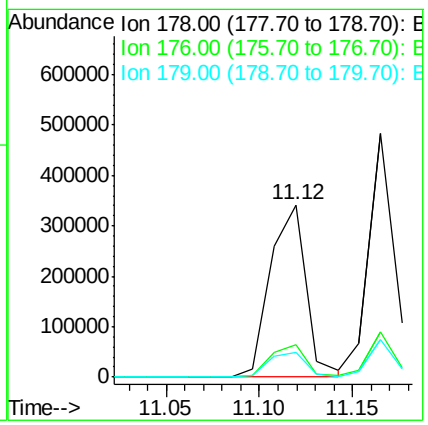


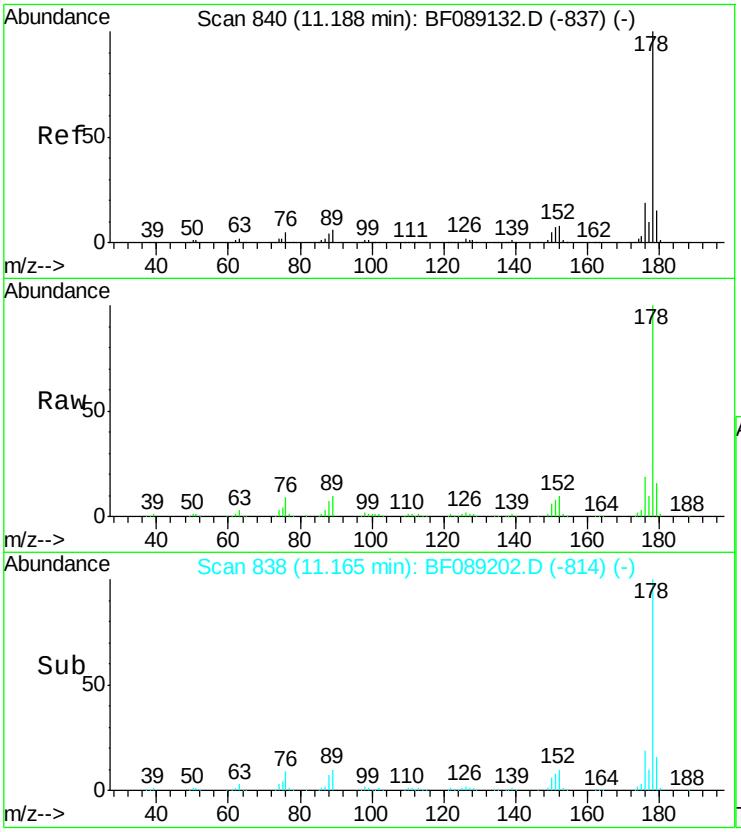


#70
Phenanthrene
Concen: 41.84 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:178 Resp: 454452

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	14.7	12.4	18.6



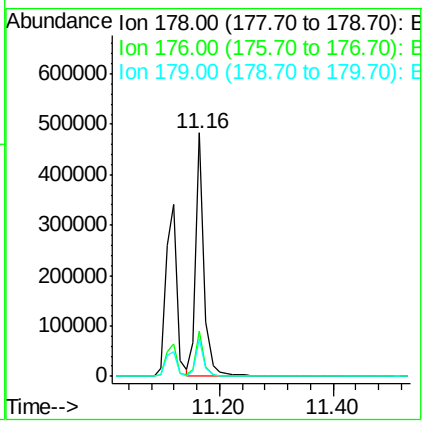


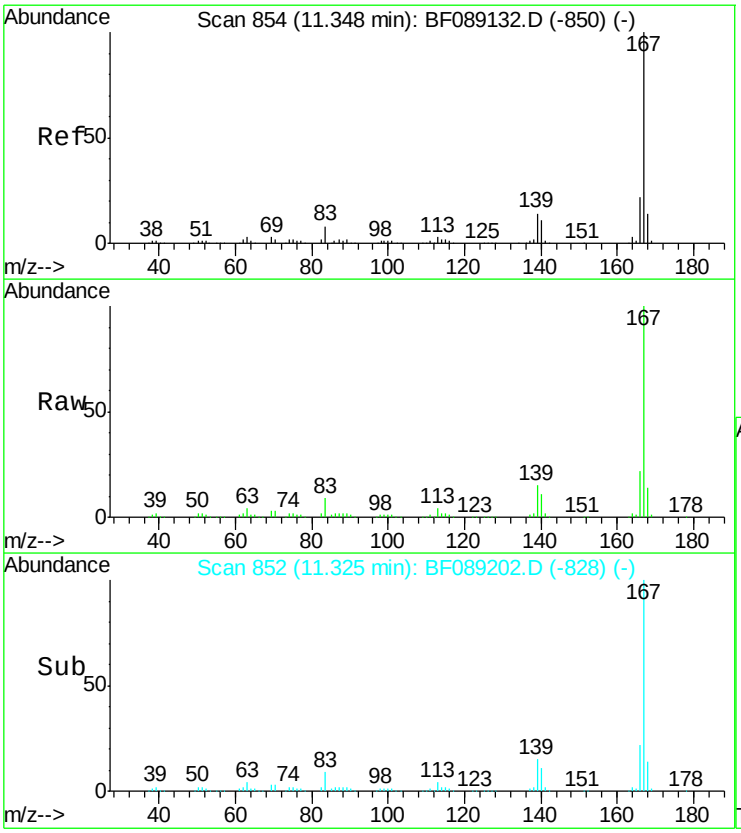
#71
Anthracene
Concen: 43.39 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:178 Resp: 489901

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.6	12.0	18.0

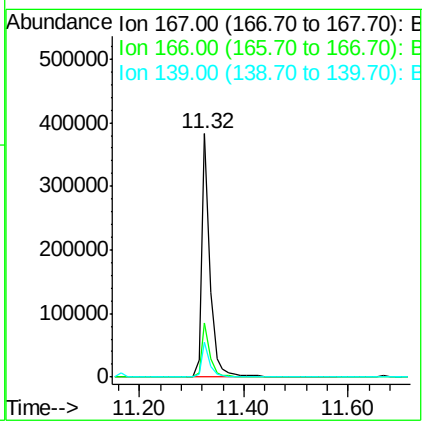


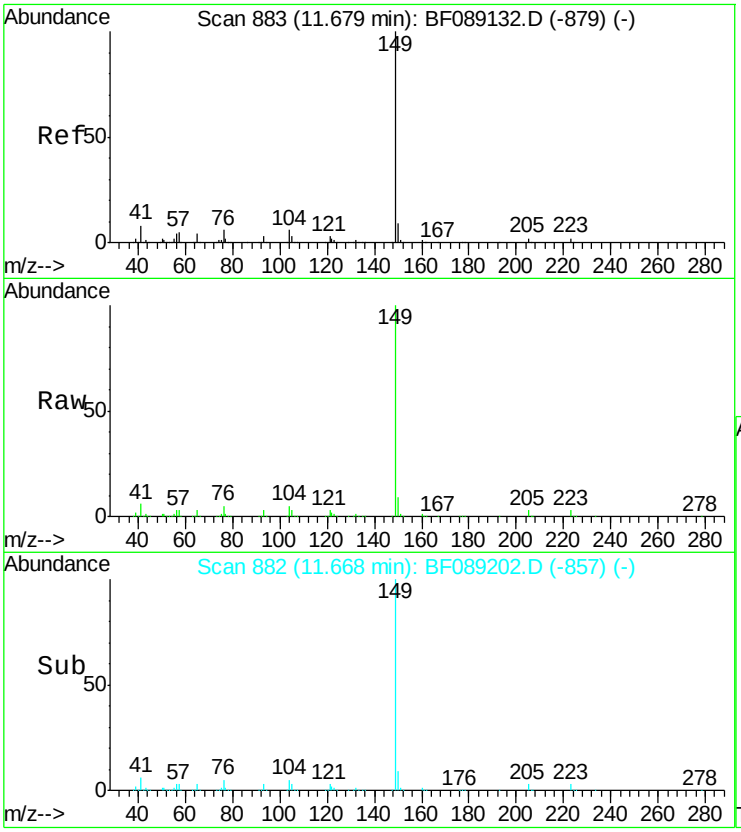


#72
Carbazole
Concen: 42.81 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:167 Resp: 424585

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.6	11.0	16.4



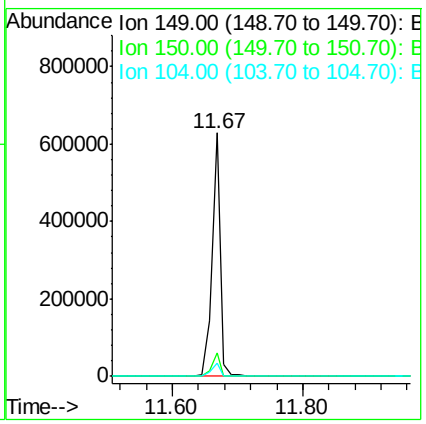


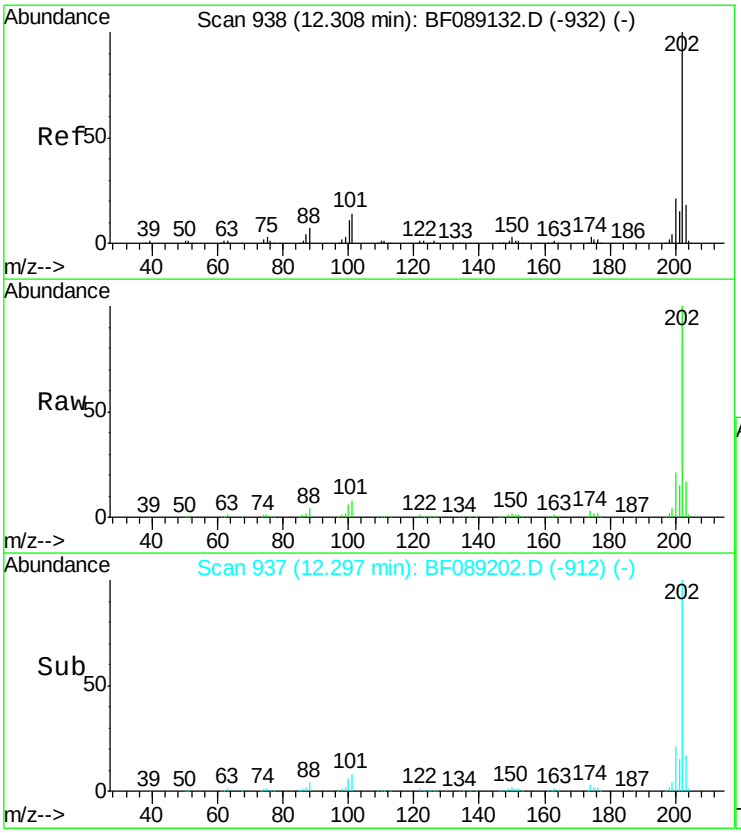
#73
Di-n-butylphthalate
Concen: 45.98 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:149 Resp: 563957

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.3	4.6	6.8

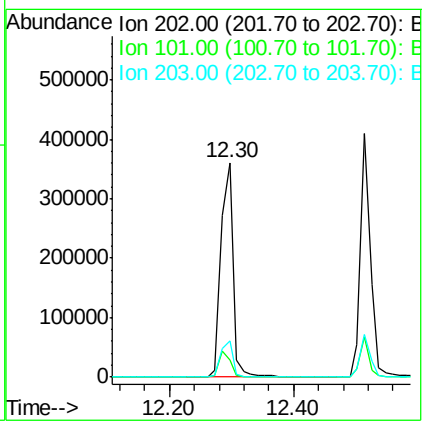


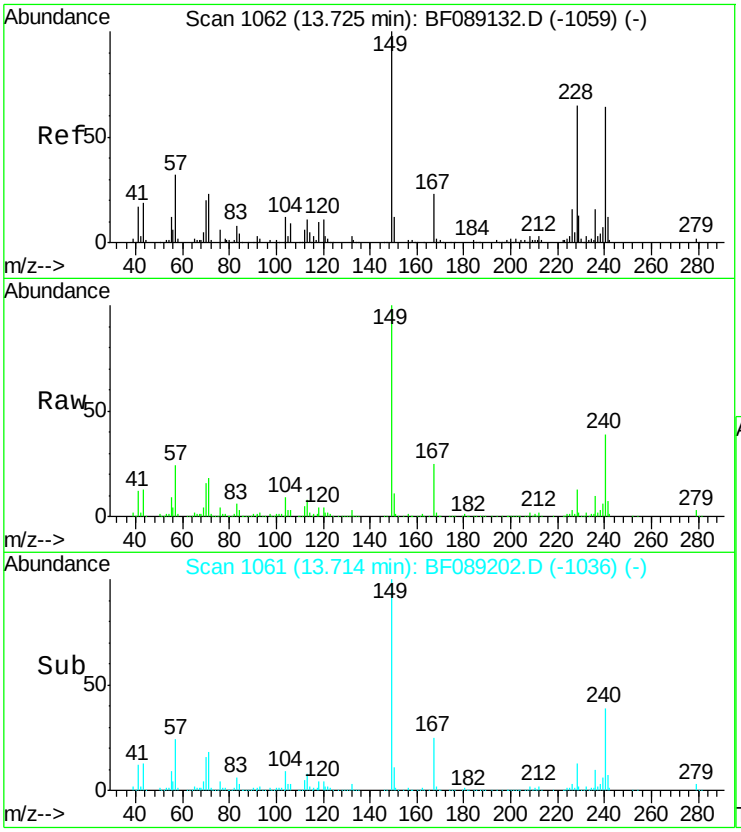


#74
Fluoranthene
Concen: 42.07 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:202 Resp: 480280

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	34.0
203	16.7	0.0	37.8



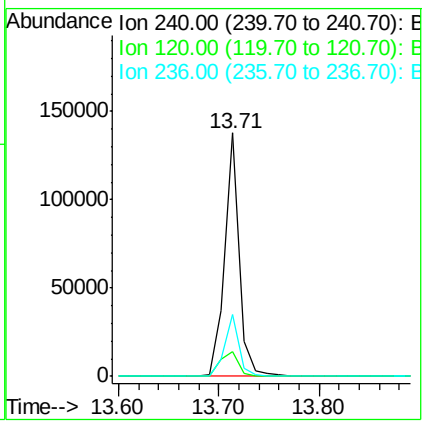


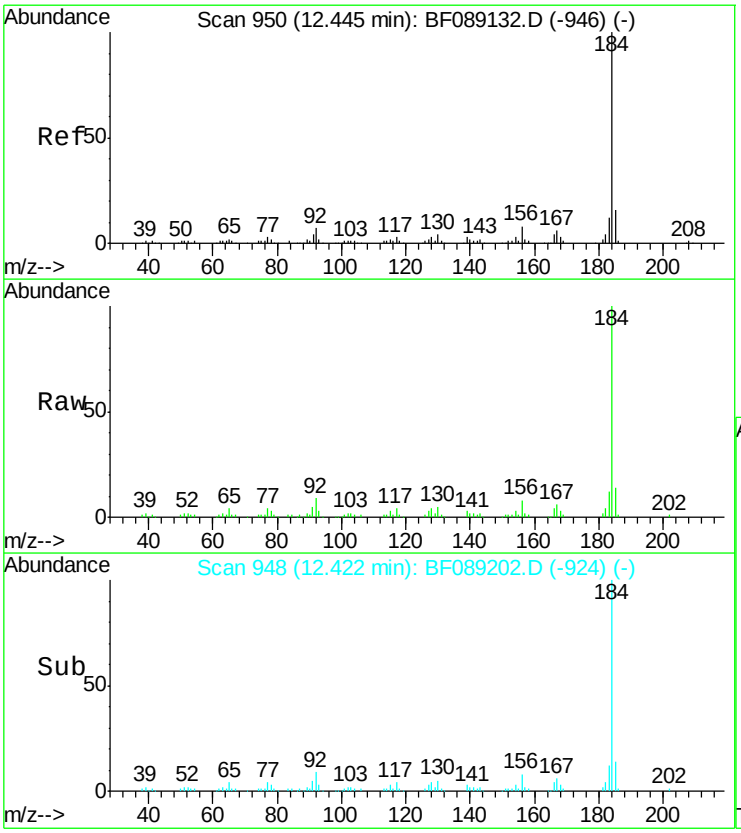
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :
PB92323BS

Tgt Ion:240 Resp: 139406

Ion	Ratio	Lower	Upper
240	100		
120	10.1	13.6	20.4#
236	25.4	20.5	30.7





#76
Benzidine
Concen: 36.65 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF089202.D
Acq: 22 Jul 2016 19:46

Tgt Ion:184 Resp: 175663

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.5	18.7
183	12.0	9.6	14.4