Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93481BS

Quant Time: Sep 21 01:09:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	540290	20.00	ng		0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng		-7.82
38) Acenaphthene-d10	9.55	164	362142	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	581286	20.00	ng		0.00
75) Chrysene-d12	13.63	240	344226	20.00	ng		0.00
86) Perylene-d12	14.96	264	301753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1359381	41.01	ng		0.02
7) Phenol-d6	6.19	99	1796420	43.88	ng		0.02
23) Nitrobenzene-d5	7.10	82	1000469	0.00	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	375555	120.88	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1707800	92.58	ng		0.00
78) Terphenyl-d14	12.59	244	2877565	212.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	198780	11.05	ng	#	96
3) Pyridine	2.59	79	600218	15.39	ng		90
4) n-Nitrosodimethylamine	2.56	42	189572	16.29	ng		96
6) Aniline	6.27	93	533499	10.46	ng	#	43
8) 2-Chlorophenol	6.31	128	506965	13.29	ng		93
9) Benzaldehyde	6.06	77	54183	3.04	ng		96
11) bis(2-Chloroethyl)ether	6.27	93	525394	13.92	ng		90
12) 1,3-Dichlorobenzene	6.54	146	547912	13.75	ng		97
13) 1,4-Dichlorobenzene	6.70	146	492057	12.10	ng		98
14) 1,2-Dichlorobenzene	6.70	146	491776	13.57	ng		96
15) Benzyl Alcohol	6.68	79	370375	15.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	564410	12.52	ng		92
17) 2-Methylphenol	6.81	107	432744	14.41	ng		97
18) Hexachloroethane	7.03	117	200837	13.84	ng		96
19) n-Nitroso-di-n-propylamine	6.96	70	337417	14.03	ng		97
20) 3+4-Methylphenols	6.97	107	567839	15.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	334914	40.29	ng		99
40) Hexachlorocyclopentadiene	8.68	237	393287	95.88	ng		98
42) 2,4,6-Trichlorophenol	8.81	196	263597	44.50	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	275929	44.99	ng	#	87
45) 1,1'-Biphenyl	8.99	154	1059325	40.89	ng		97
46) 2-Chloronaphthalene	9.00	162	888865	46.50	ng		97
47) 2-Nitroaniline	9.12	65	291368	50.56	ng		86
48) Acenaphthylene	9.42	152	1267859	40.84	ng		99
49) Dimethylphthalate	9.31	163	1081827	46.90	ng		99
50) 2,6-Dinitrotoluene	9.36	165	225804	43.92	ng		96
51) Acenaphthene	9.59	154	774156	42.02	ng		100
52) 3-Nitroaniline	9.52	138	166212	27.58	ng		85
53) 2,4-Dinitrophenol	9.63	184	96845	35.50	ng		95
54) Dibenzofuran	9.76	168	1091358	45.01	ng		93
55) 4-Nitrophenol	9.71	139	351367	85.09	ng		83
56) 2,4-Dinitrotoluene	9.76	165	242888	39.96	ng		97
57) Fluorene	10.10	166	776861	42.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	228675	49.80	ng		88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93481BS

Quant Time: Sep 21 01:09:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	10.01	149	1171655	52.60	ng		95
60) 4-Chlorophenyl-phenylether	10.10	204	326226	39.15	ng		94
61) 4-Nitroaniline	10.14	138	227725	37.07	ng		87
62) Azobenzene	10.26	77	1232282	53.14	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	96628	26.54	ng		94
65) n-Nitrosodiphenylamine	10.23	169	857858	44.88	ng		100
66) 4-Bromophenyl-phenylether	10.58	248	249057	43.54	ng	#	78
67) Hexachlorobenzene	10.65	284	290197	43.53	ng	#	81
68) Atrazine	10.78	200	213474	40.76	ng		97
69) Pentachlorophenol	10.84	266	240769	63.63	ng		99
70) Phenanthrene	11.05	178	1201893	44.21	ng		99
71) Anthracene	11.11	178	1402130	49.18	ng		99
72) Carbazole	11.27	167	1392471	46.20	ng		99
73) Di-n-butylphthalate	11.62	149	1145137	32.67	ng		98
74) Fluoranthene	12.23	202	1319316	45.21	ng		97
76) Benzidine	12.38	184	23991	2.08	ng	#	1
77) Pyrene	12.45	202	1271327	53.97	ng		99
79) Butylbenzylphthalate	13.09	149	721298	62.60	ng	#	73
80) Benzo(a)anthracene	13.63	228	981385	52.99	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	159173	20.84	ng	#	96
82) Chrysene	13.67	228	915359	50.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	1050954	71.28	ng		99
84) Di-n-octyl phthalate	14.26	149	1775992	69.92	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.14	276	872966	59.85	ng		98
87) Benzo(b)fluoranthene	14.64	252	1416659	84.78	ng		97
88) Benzo(k)fluoranthene	14.64	252	1418572	90.46	ng	#	97
89) Benzo(a)pyrene	14.91	252	704962	44.85	ng		98
90) Dibenzo(a,h)anthracene	16.15	278	728786	59.42	ng		97
91) Benzo(g,h,i)perylene	16.48	276	769972	64.14	ng		98

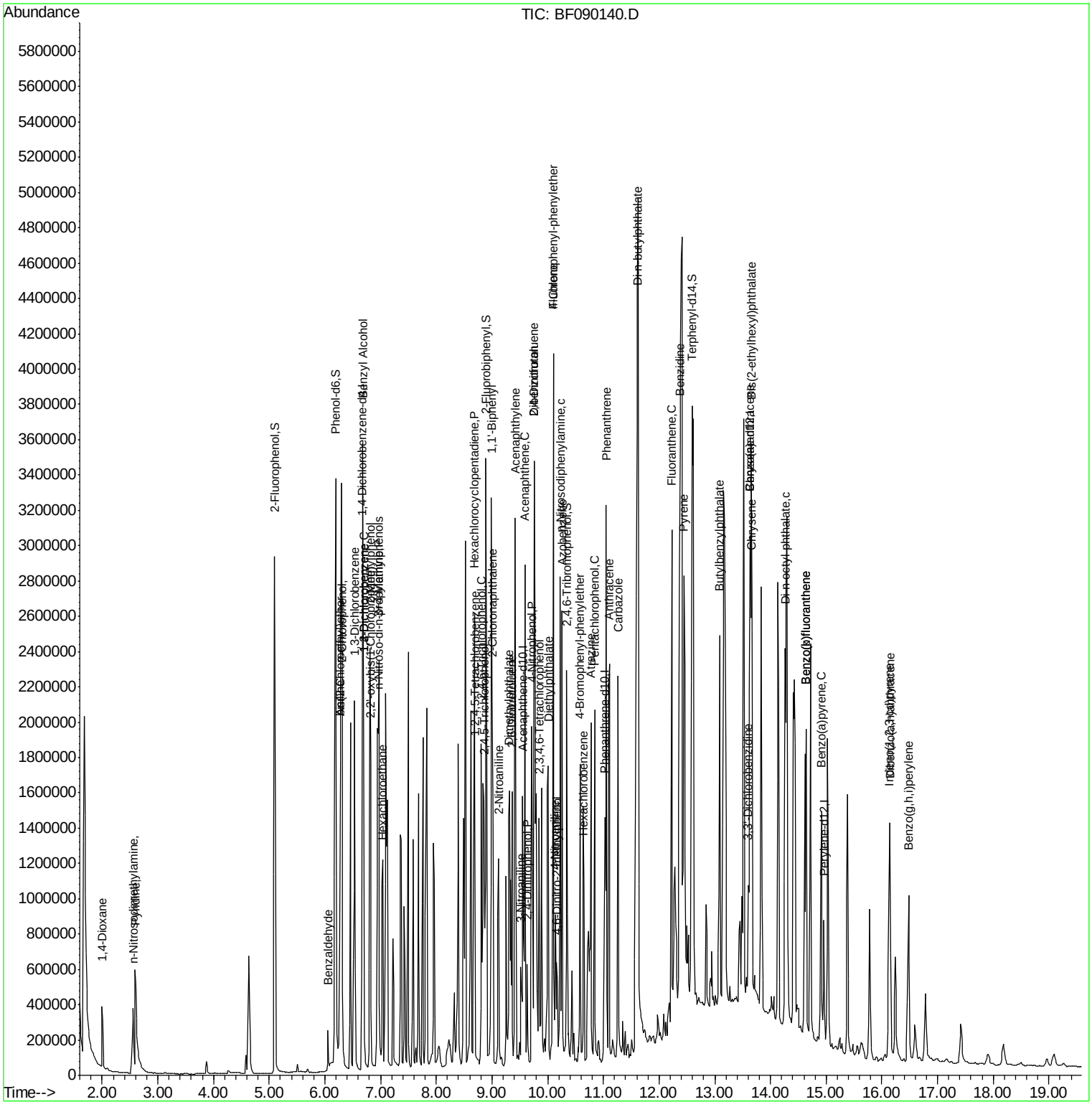
(#) = qualifier out of range (m) = manual integration (+) = signals summed

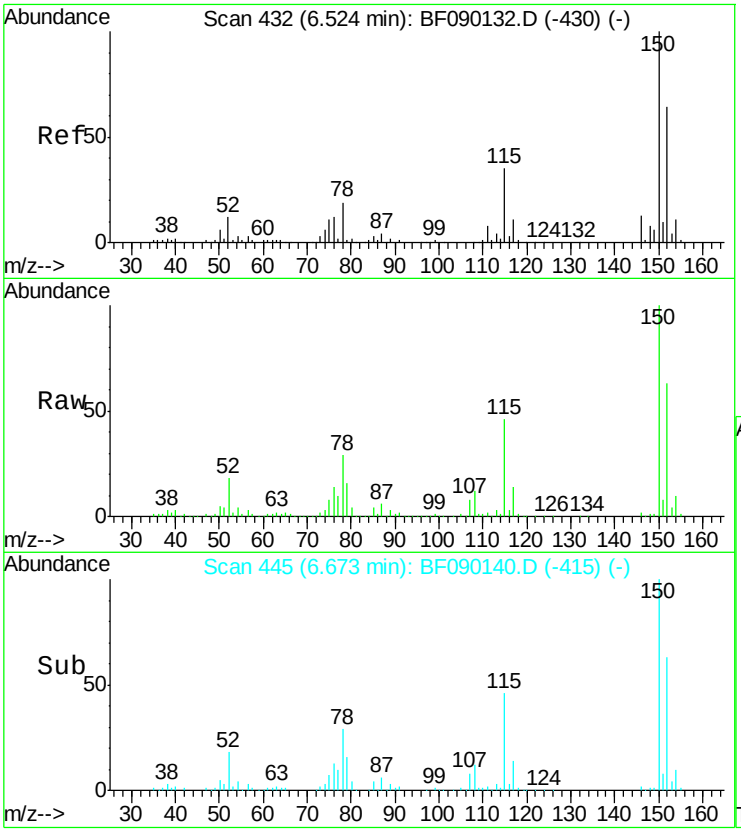
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090140.D
Acq On : 20 Sep 2016 18:07
Operator : UM/SJ
Sample : PB93481BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Quant Time: Sep 21 01:09:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration



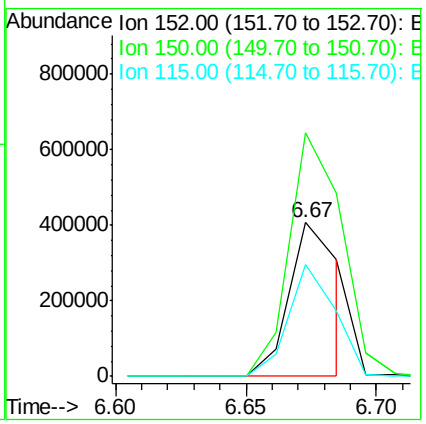


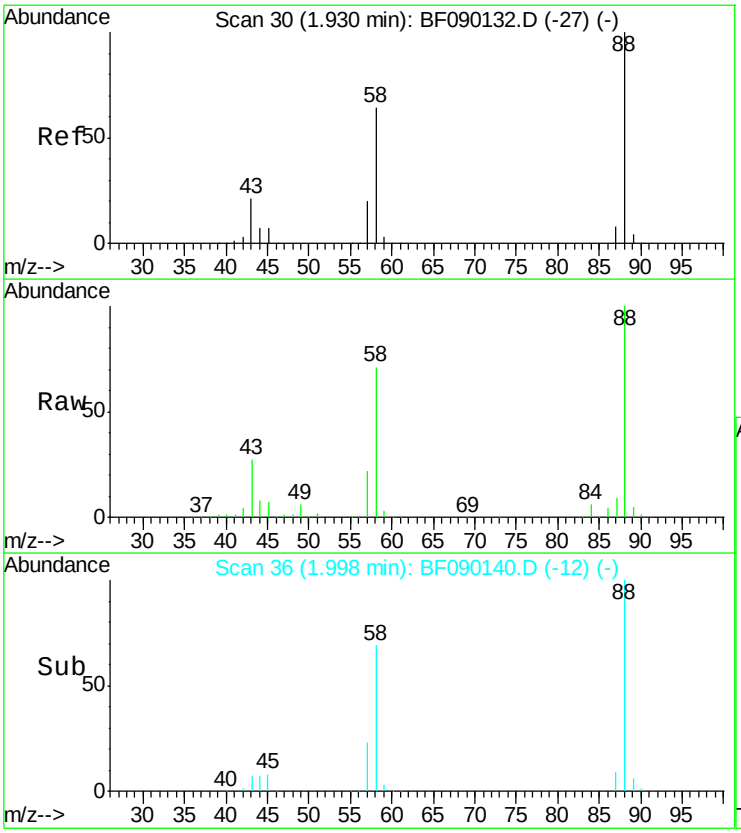
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:152 Resp: 540290

Ion	Ratio	Lower	Upper
152	100		
150	158.6	128.9	193.3
115	73.1	55.5	83.3

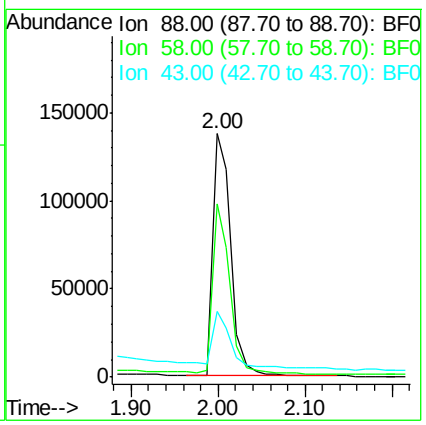


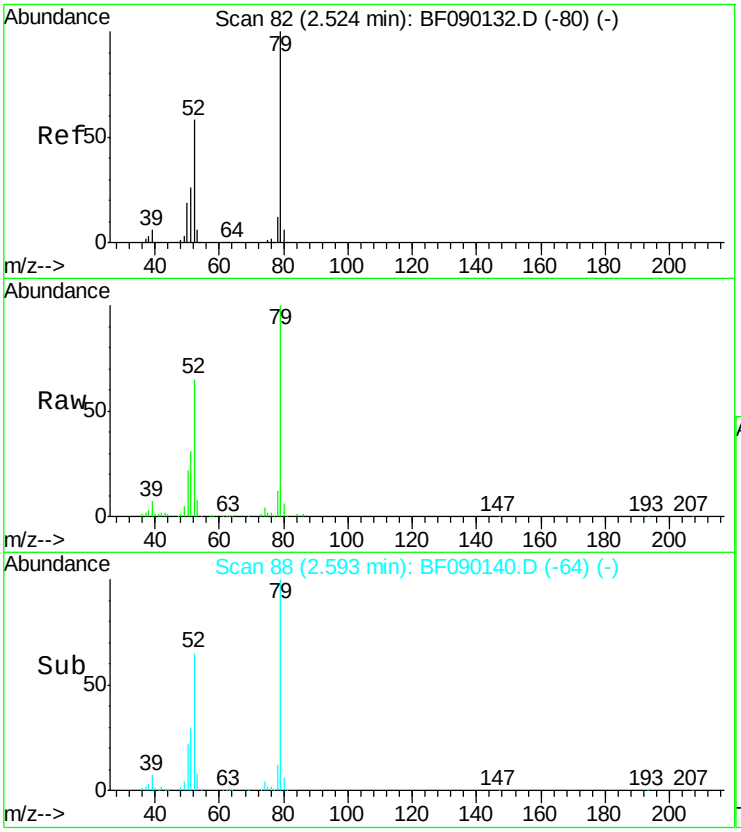


#2
1,4-Dioxane
Concen: 11.05 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.07 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 88 Resp: 198780

Ion	Ratio	Lower	Upper
88	100		
58	67.8	53.4	80.0
43	26.9	16.5	24.7#



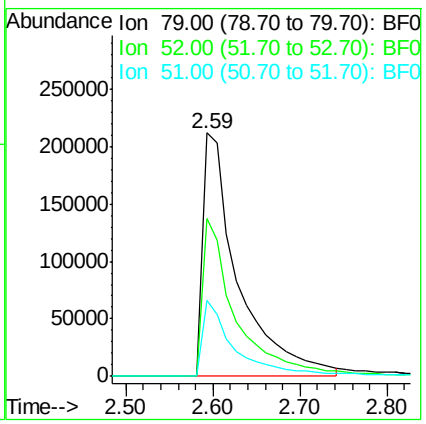


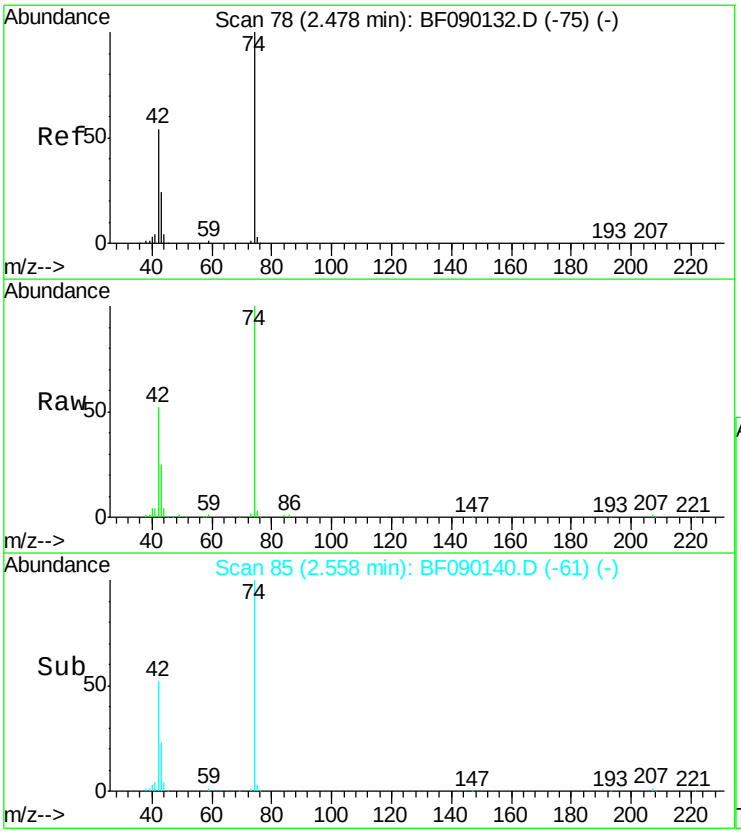
#3
Pyridine
Concen: 15.39 ng
RT: 2.59 min Scan# 88
Delta R.T. 0.07 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 79 Resp: 600218

Ion	Ratio	Lower	Upper
79	100		
52	65.0	45.9	68.9
51	31.0	21.3	31.9

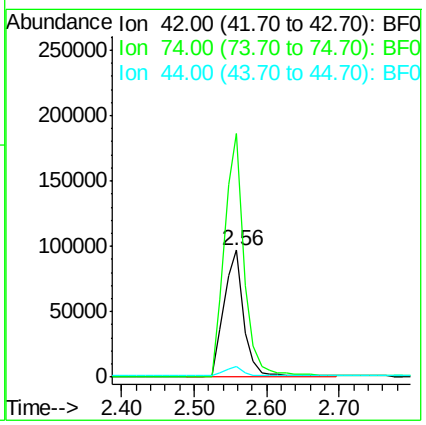


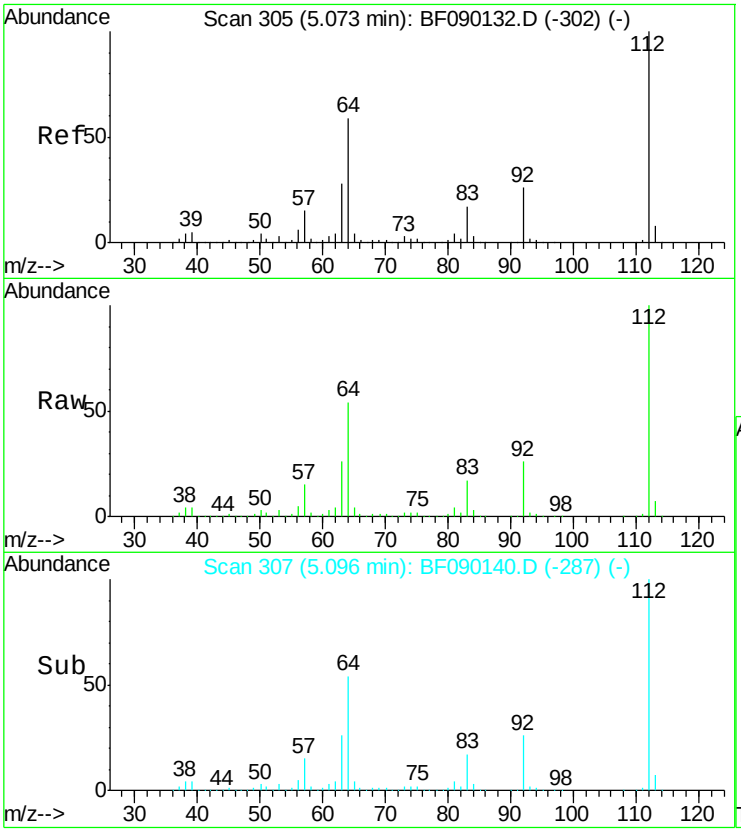


#4
n-Nitrosodimethylamine
Concen: 16.29 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 42 Resp: 189572

Ion	Ratio	Lower	Upper
42	100		
74	191.8	158.7	238.1
44	8.2	6.4	9.6



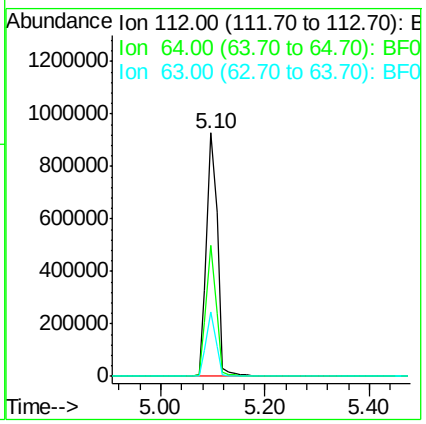


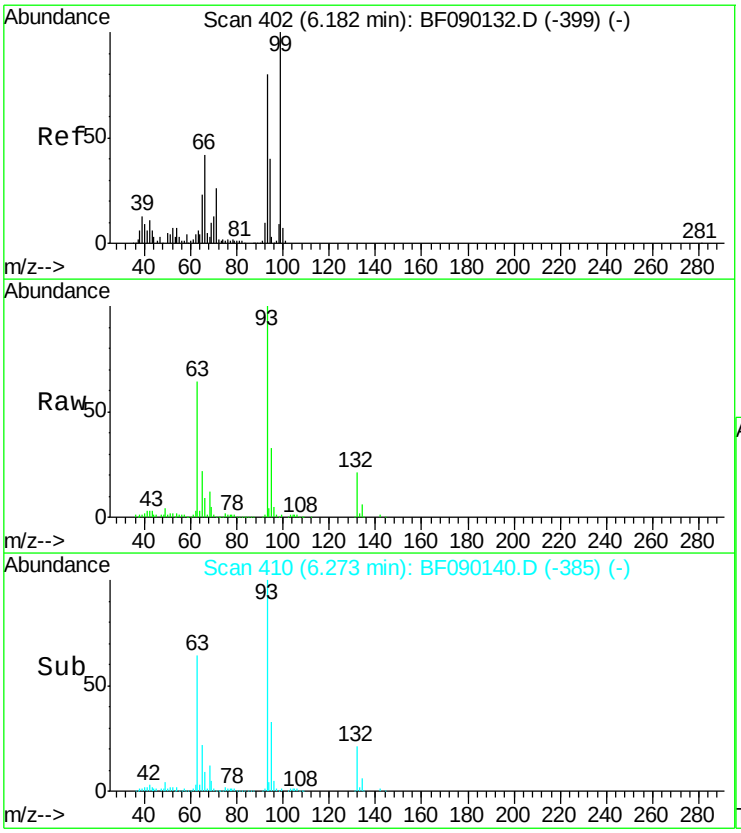
#5
2-Fluorophenol
Concen: 41.01 ng
RT: 5.10 min Scan# 307
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:112 Resp: 1359381

Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.8	59.6
63	26.4	18.9	28.3

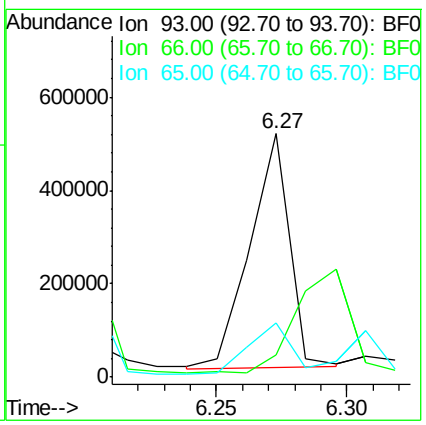


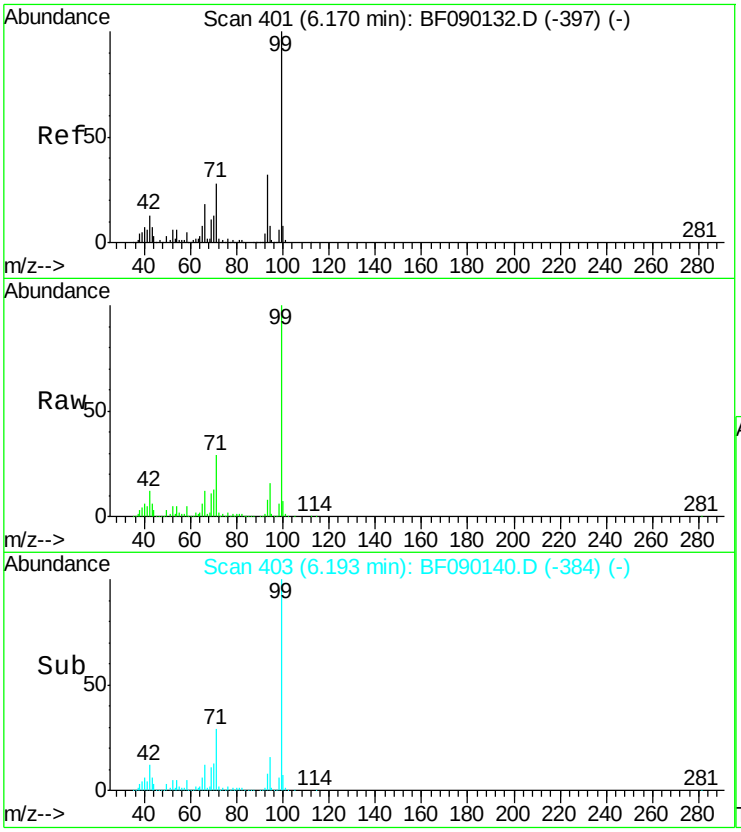


#6
Aniline
Concen: 10.46 ng
RT: 6.27 min Scan# 410
Delta R.T. 0.09 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 93 Resp: 533499

Ion	Ratio	Lower	Upper
93	100		
66	8.9	54.2	81.2#
65	22.4	33.8	50.6#



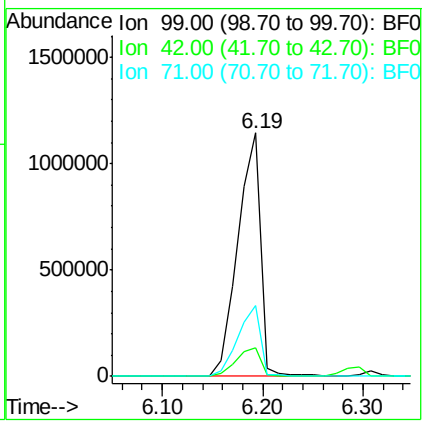


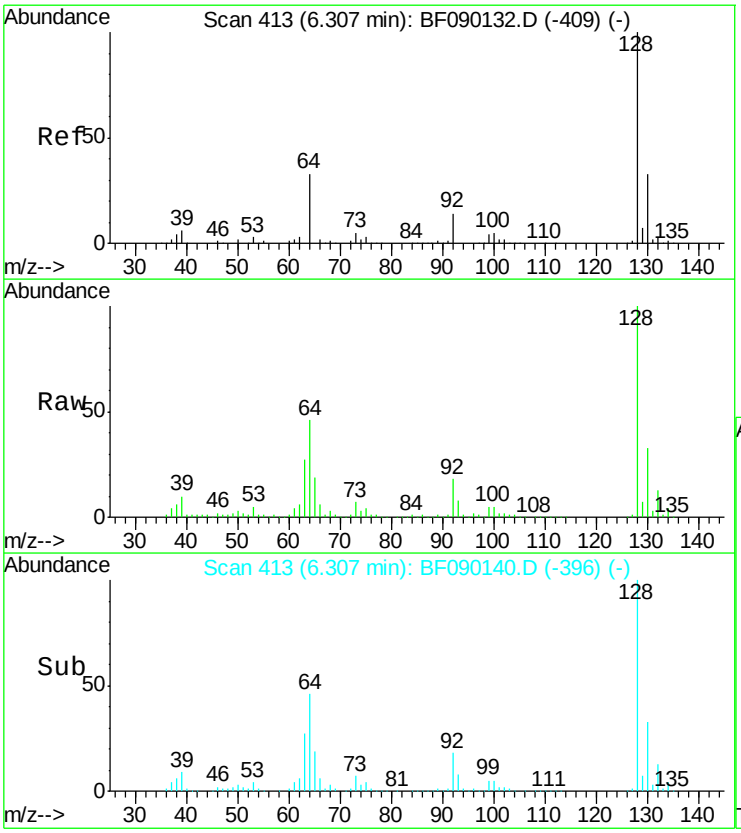
#7
Phenol-d6
Concen: 43.88 ng
RT: 6.19 min Scan# 403
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 99 Resp: 1796420

Ion	Ratio	Lower	Upper
99	100		
42	11.9	10.6	15.8
71	29.0	23.0	34.6

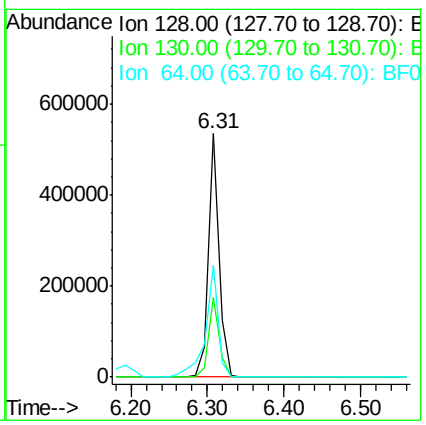


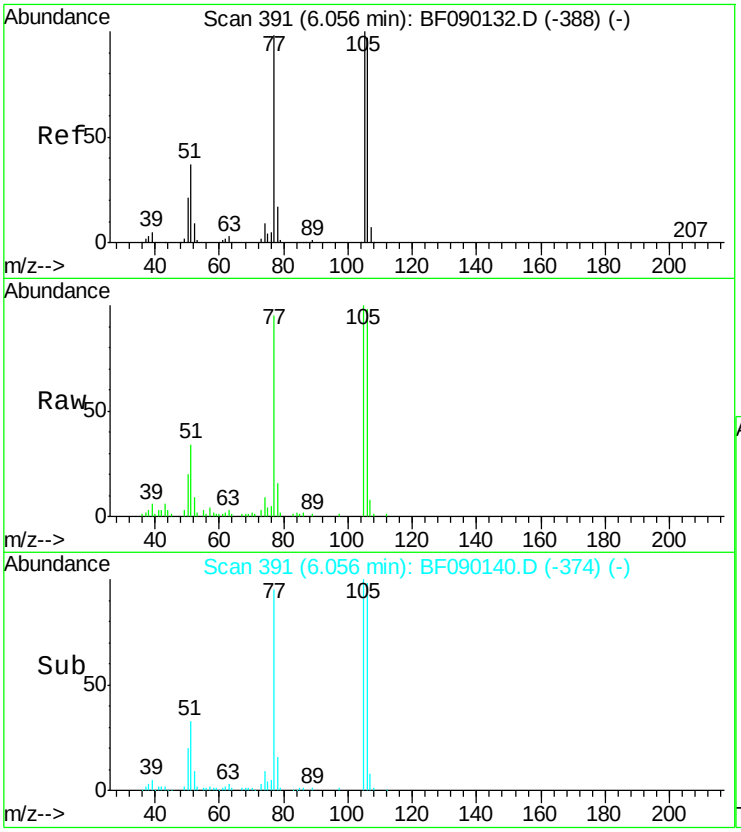


#8
2-Chlorophenol
Concen: 13.29 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:128 Resp: 506965

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	45.9	33.6	73.6



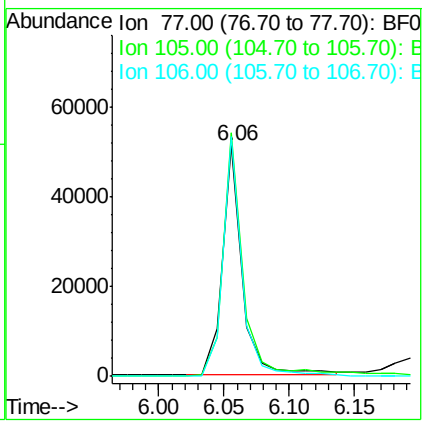


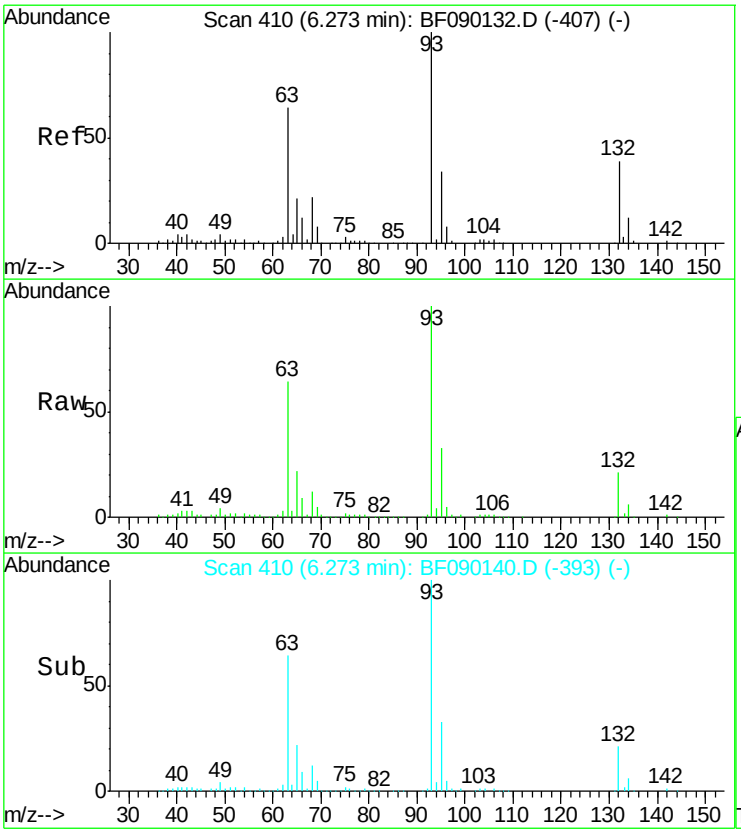
#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 77 Resp: 54183

Ion	Ratio	Lower	Upper
77	100		
105	105.7	83.0	123.0
106	104.0	78.5	118.5

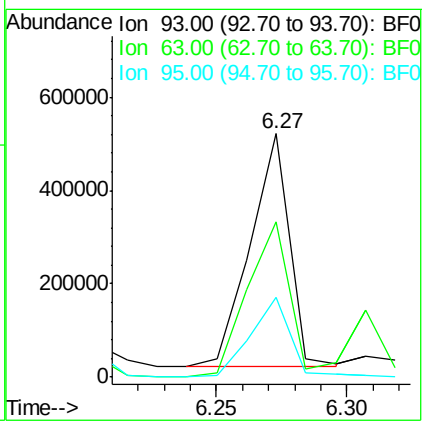


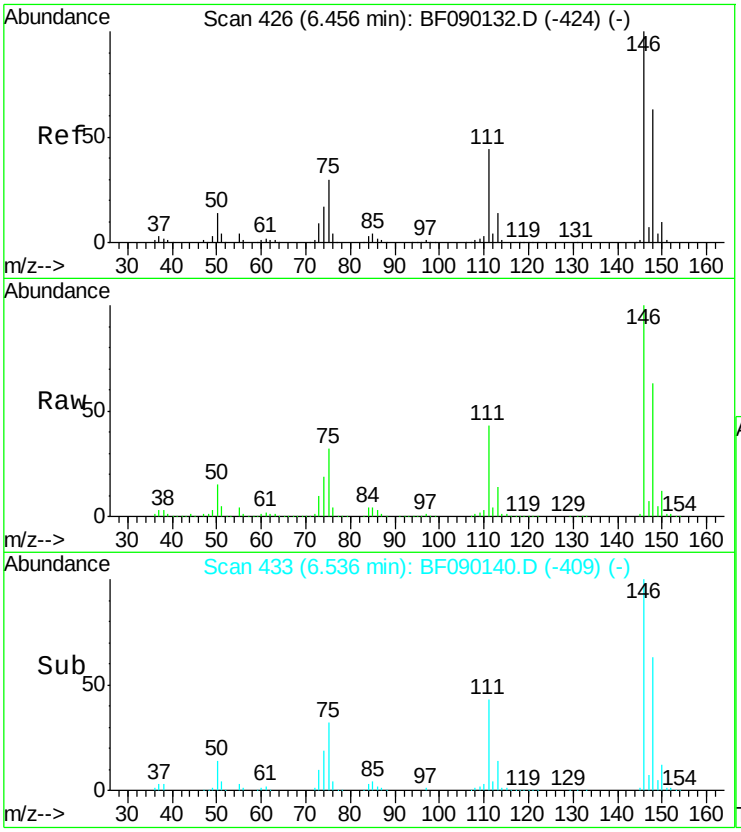


#11
bis(2-Chloroethyl)ether
Concen: 13.92 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 93 Resp: 525394

Ion	Ratio	Lower	Upper
93	100		
63	63.7	55.6	95.6
95	32.7	12.6	52.6



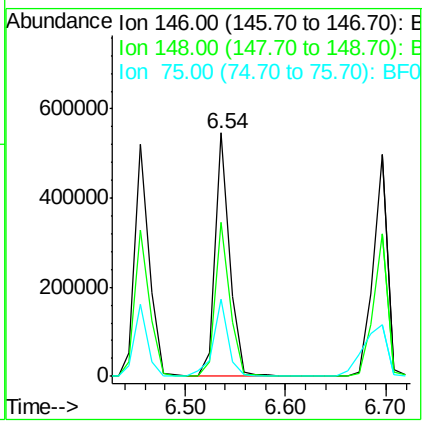


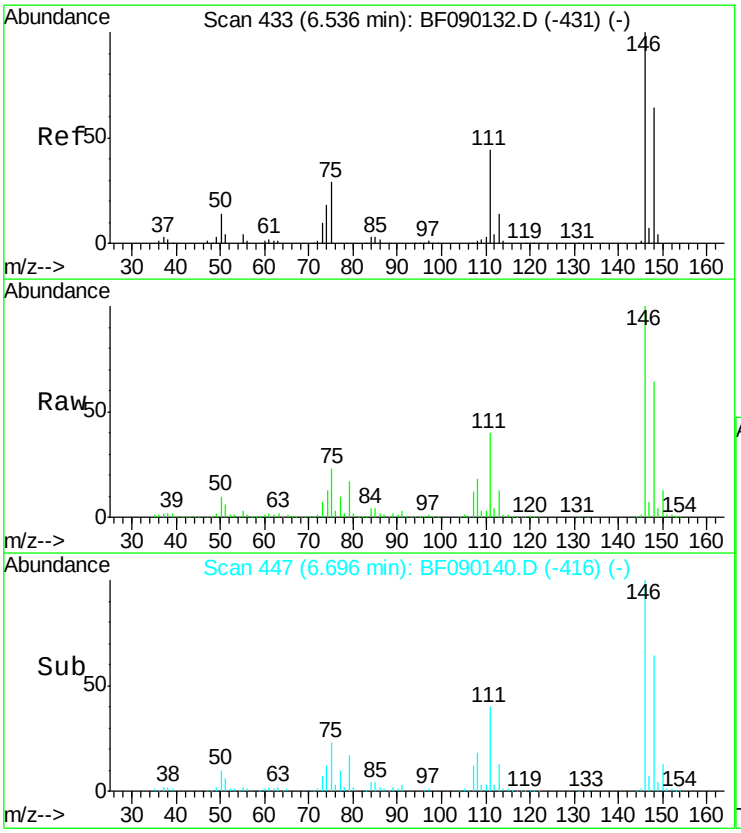
#12
1,3-Dichlorobenzene
Concen: 13.75 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.08 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:146 Resp: 547912

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	31.9	22.8	34.2

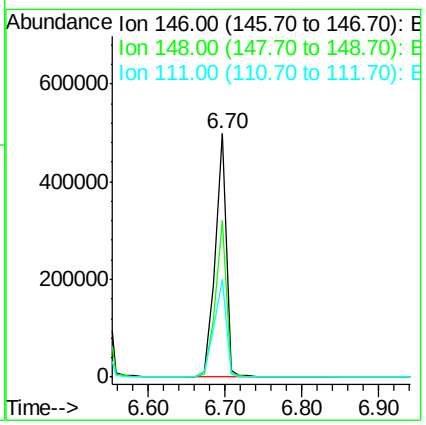


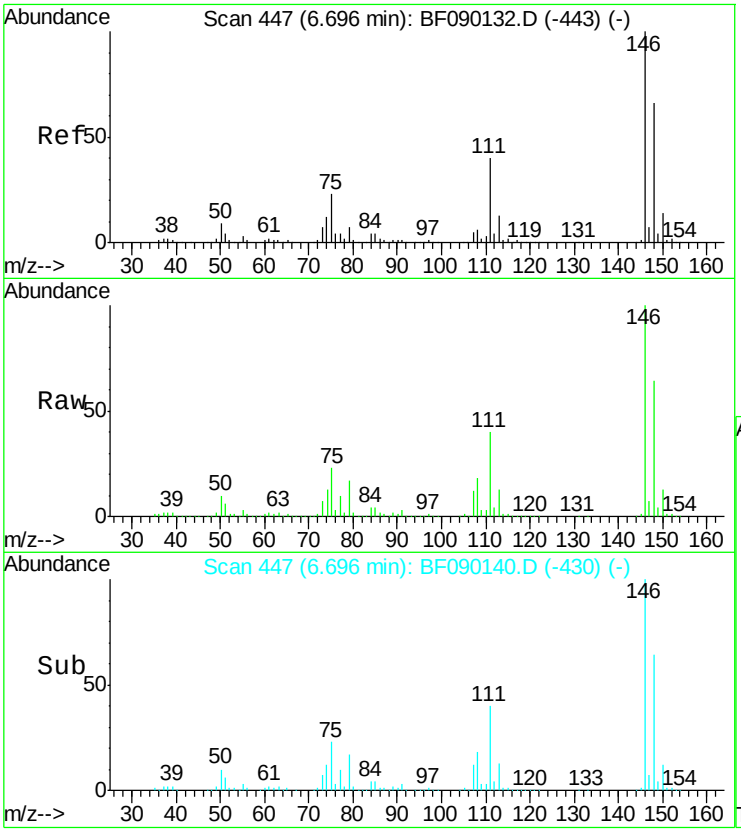


#13
1,4-Dichlorobenzene
Concen: 12.10 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.16 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:146 Resp: 492057

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	40.3	33.8	50.6



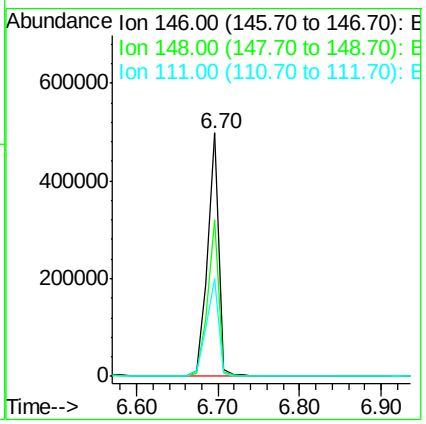


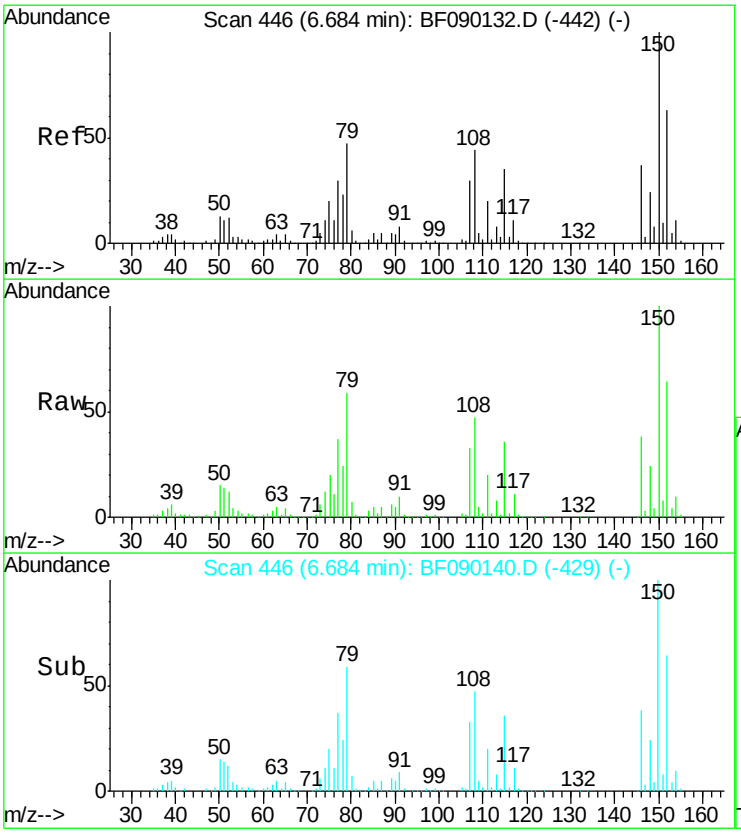
#14
1,2-Dichlorobenzene
Concen: 13.57 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:146 Resp: 491776

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	79.0
111	40.3	28.2	42.2

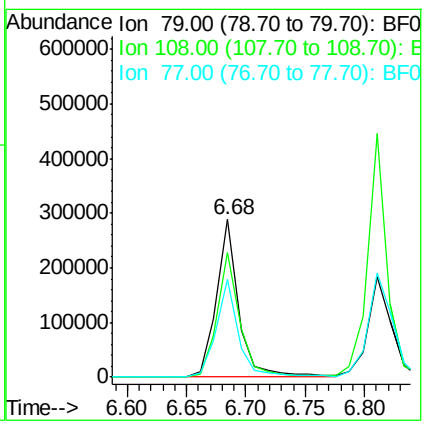


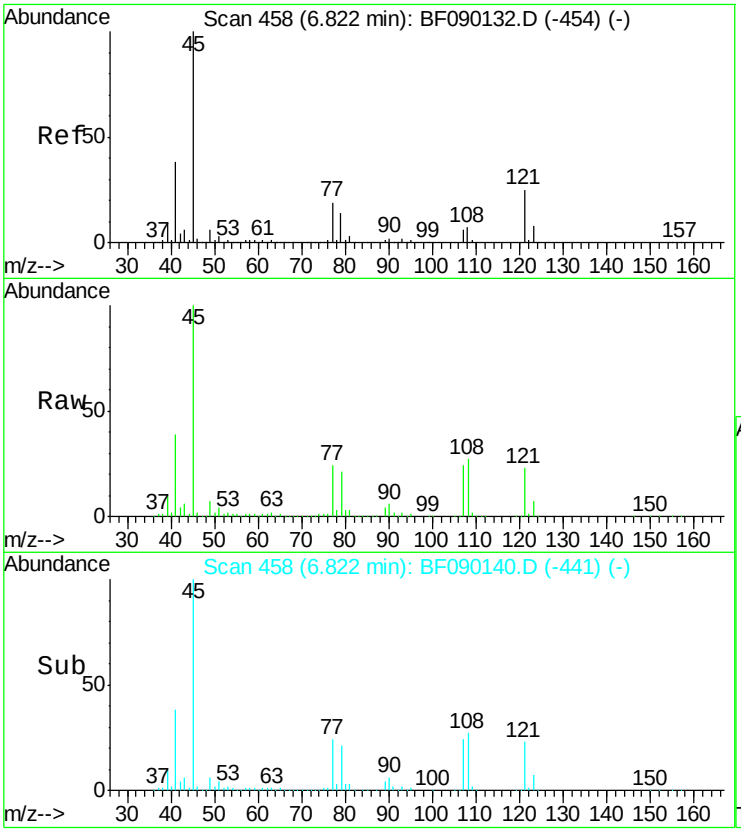


#15
Benzyl Alcohol
Concen: 15.17 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 79 Resp: 370375

Ion	Ratio	Lower	Upper
79	100		
108	79.3	62.2	93.4
77	62.3	51.4	77.0



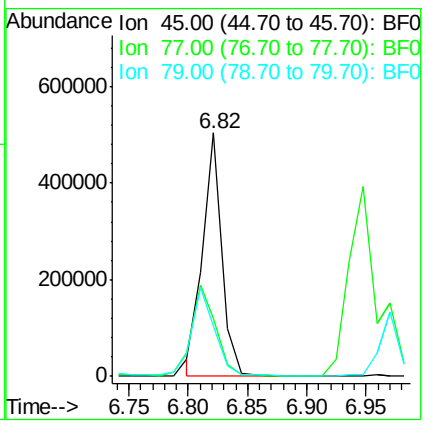


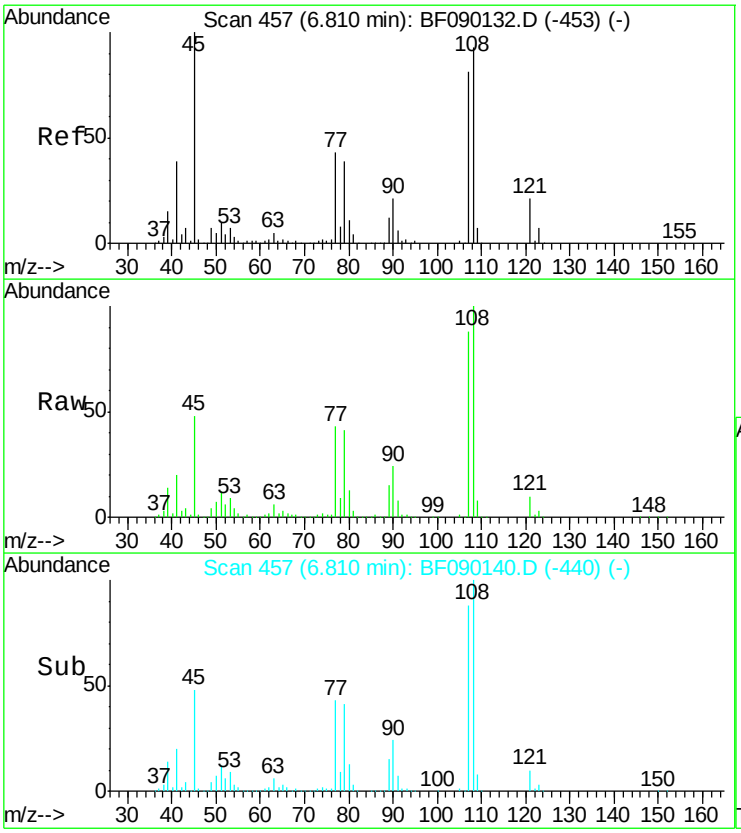
#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.52 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 45 Resp: 564410

Ion	Ratio	Lower	Upper
45	100		
77	23.9	0.5	40.5
79	20.6	0.0	37.0

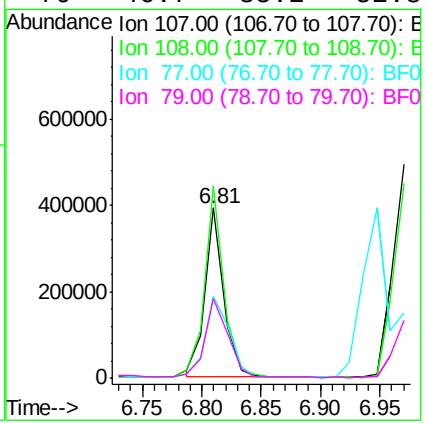


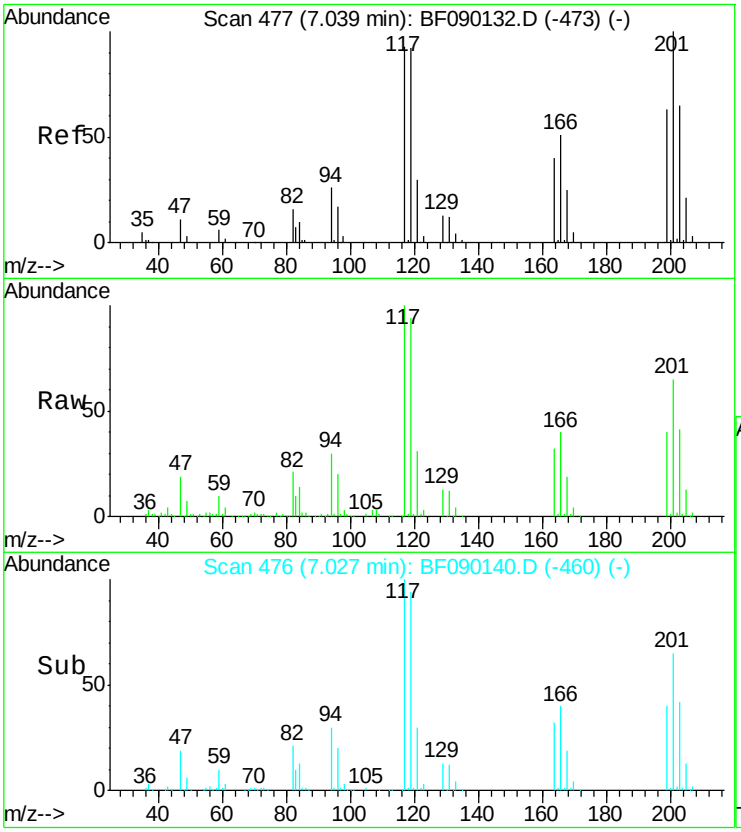


#17
2-Methylphenol
Concen: 14.41 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:107 Resp: 432744

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.0	138.0
77	48.4	35.6	53.4
79	46.7	35.2	52.8



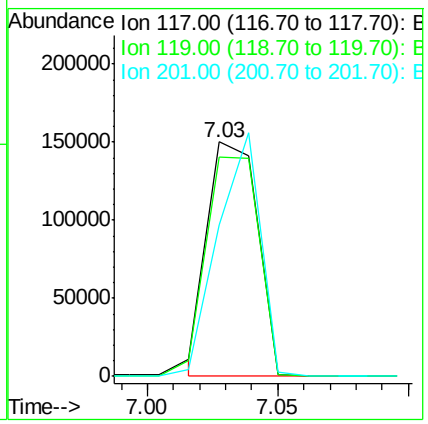


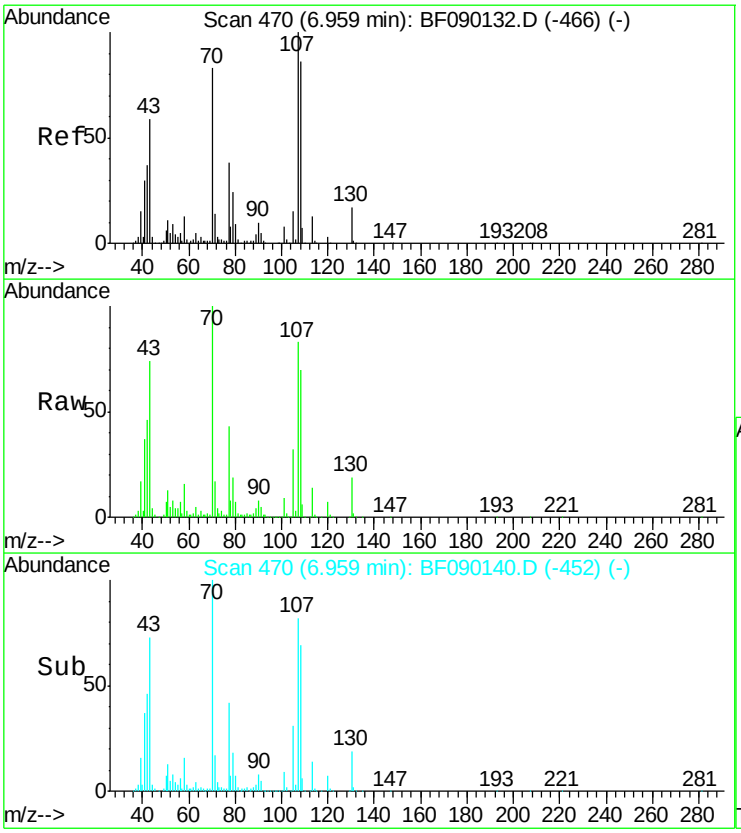
#18
Hexachloroethane
Concen: 13.84 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument : BNA_F
ClientSampleId : PB93481BS

Tgt Ion:117 Resp: 200837

Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.6	115.0
201	64.7	55.5	83.3

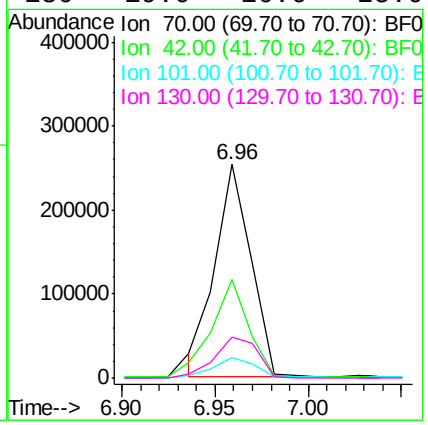


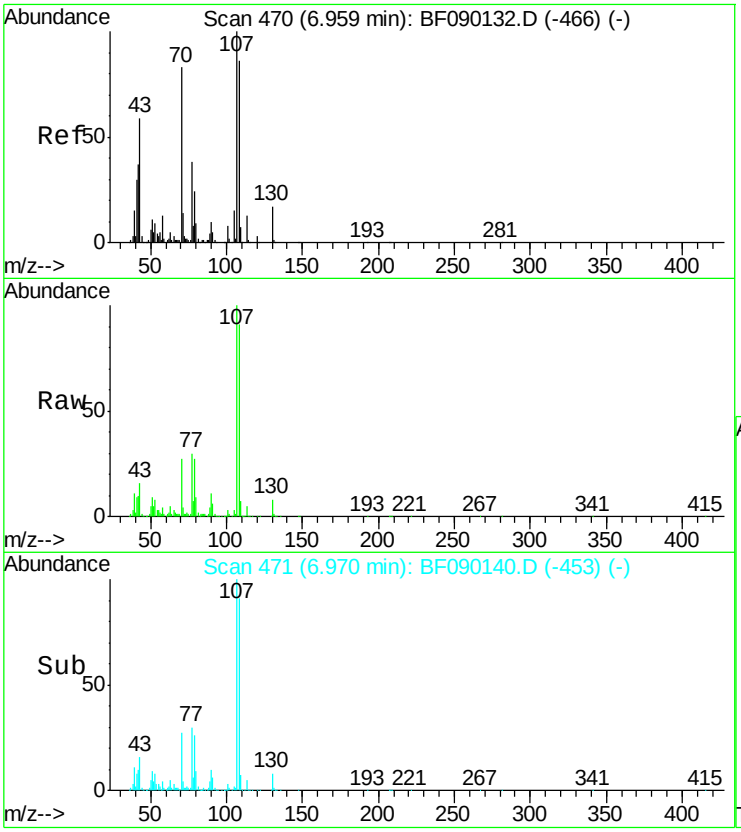


#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 70 Resp: 337417

Ion	Ratio	Lower	Upper
70	100		
42	46.1	35.1	52.7
101	9.4	7.5	11.3
130	19.0	16.6	25.0



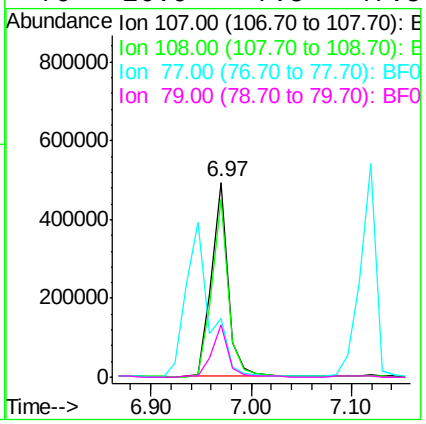


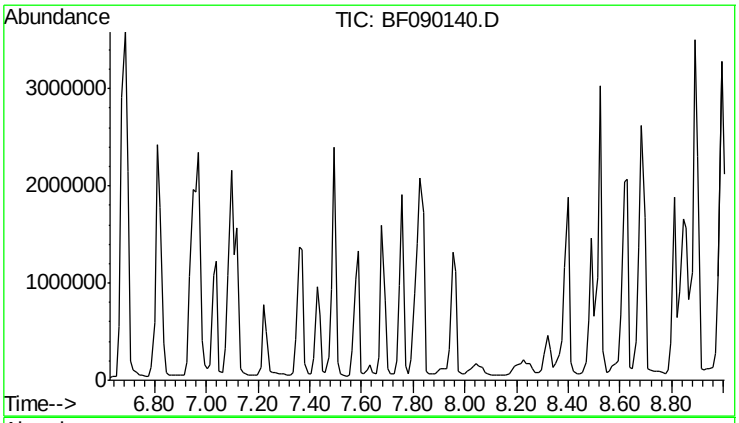
#20
3+4-Methylphenols
Concen: 15.74 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:107 Resp: 567839

Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.3	113.3
77	30.4	14.1	54.1
79	26.9	7.5	47.5



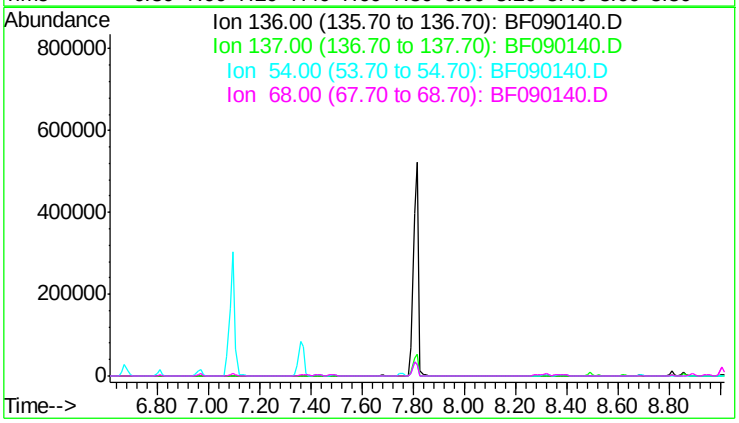


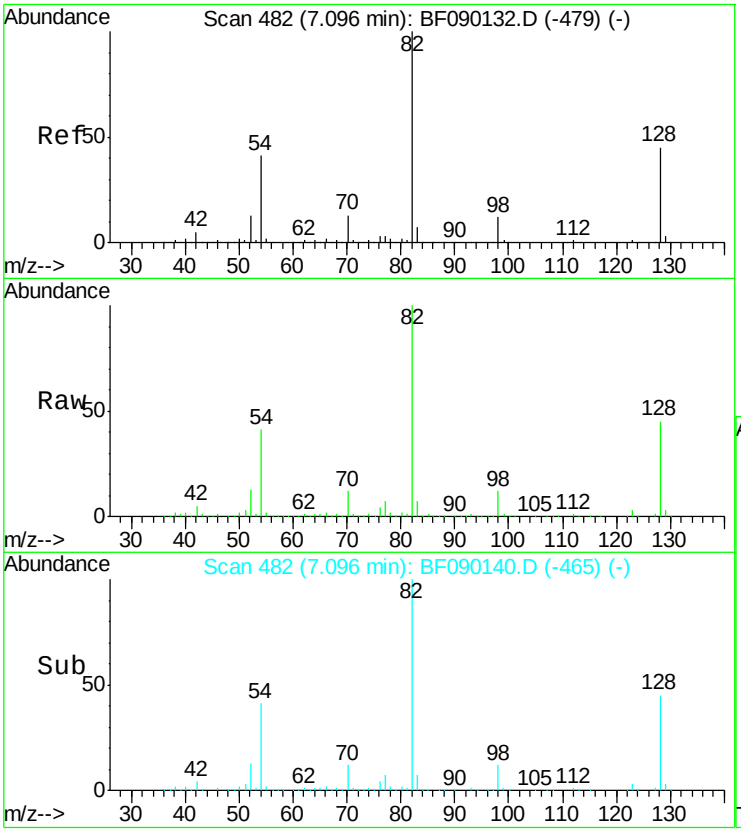
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.82 min

Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	8.0
68	7.9



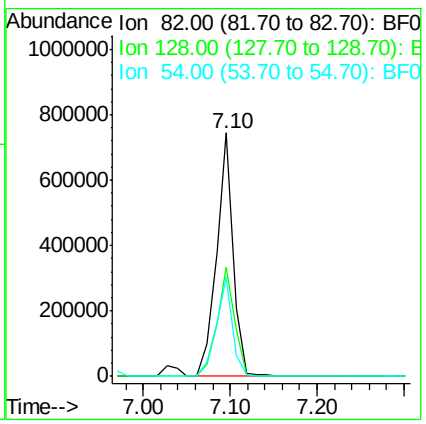


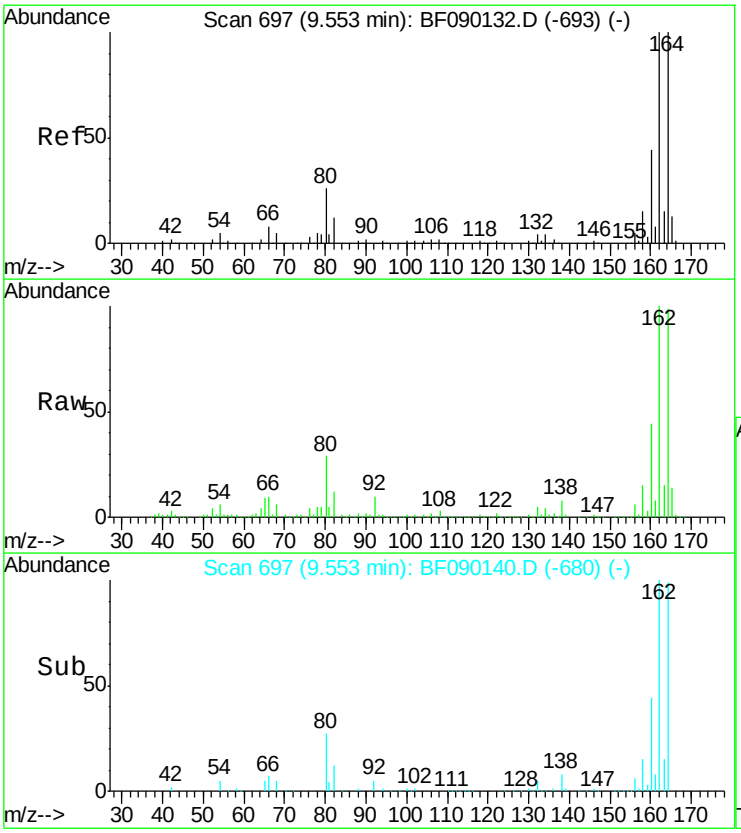
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 82 Resp: 1000469

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.5	56.3
54	40.7	31.9	47.9

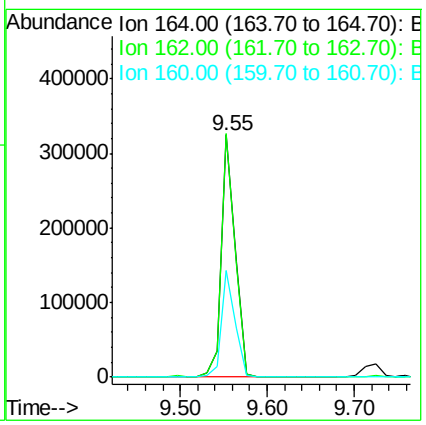


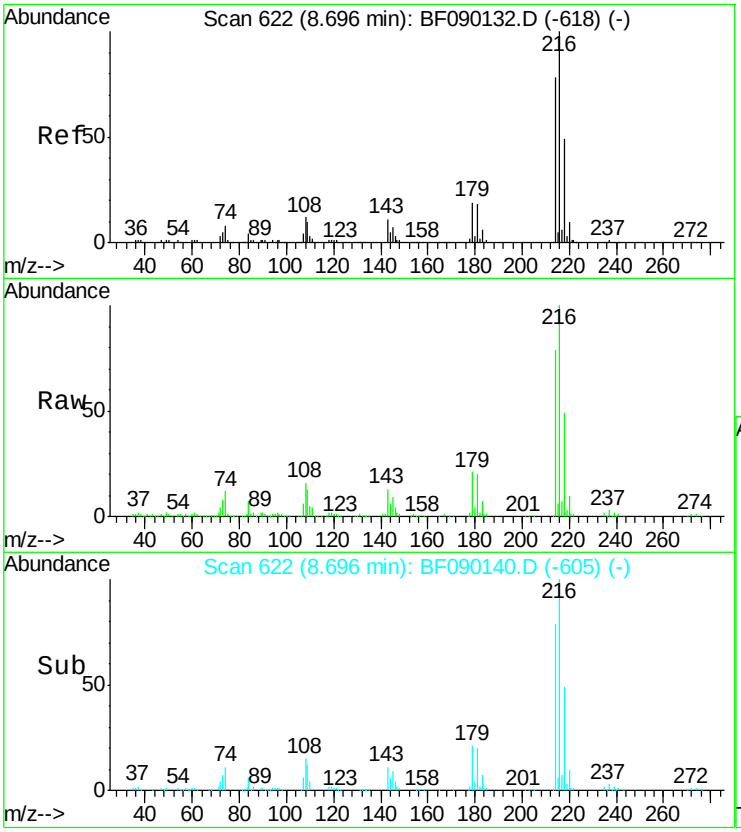


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:164 Resp: 362142

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.2
160	44.3	36.6	54.8



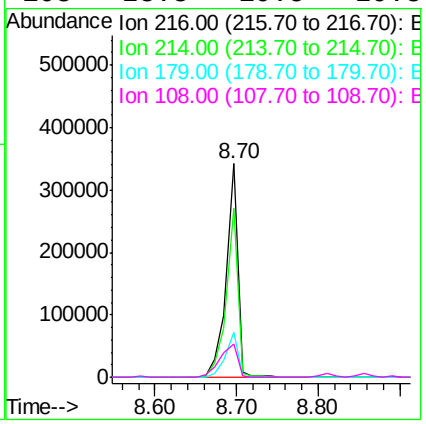


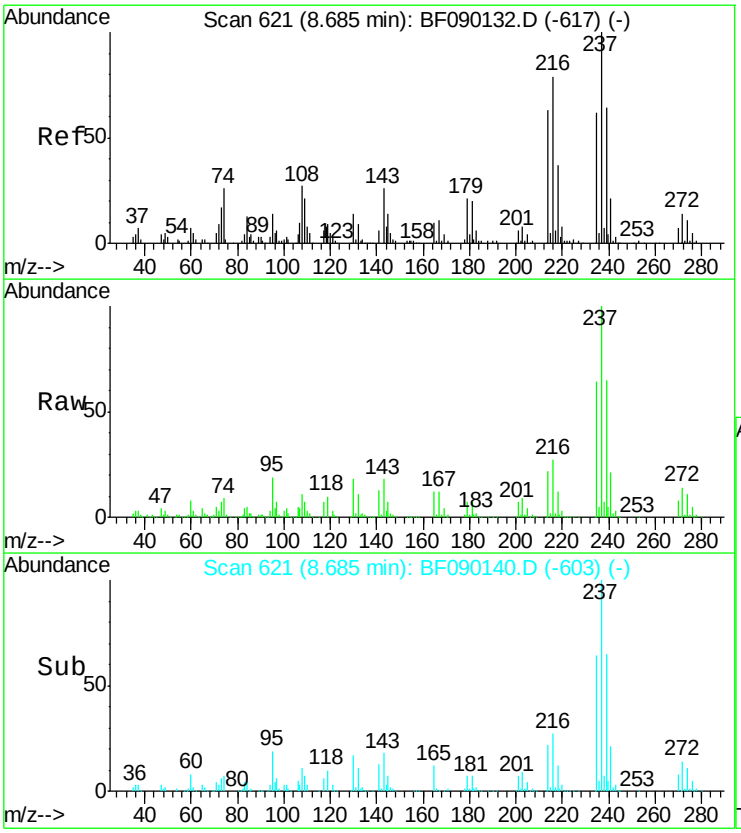
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.29 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:216 Resp: 334914

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	22.2	18.5	27.7
108	23.3	19.5	29.3

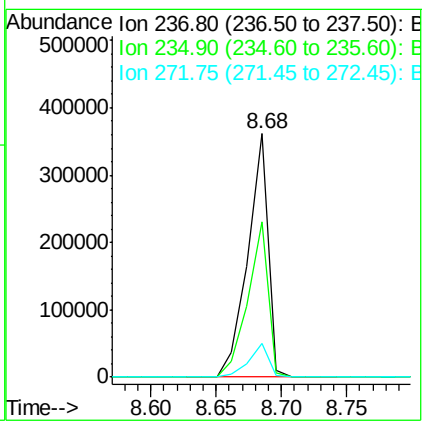


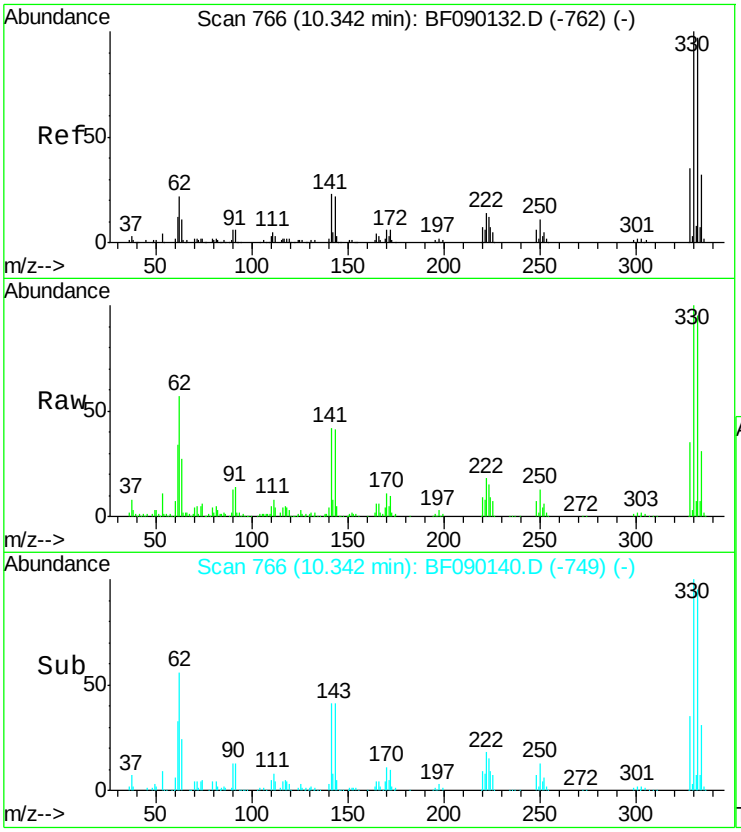


#40
Hexachlorocyclopentadiene
Concen: 95.88 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:237 Resp: 393287

Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.5	82.5
272	13.7	0.0	32.0



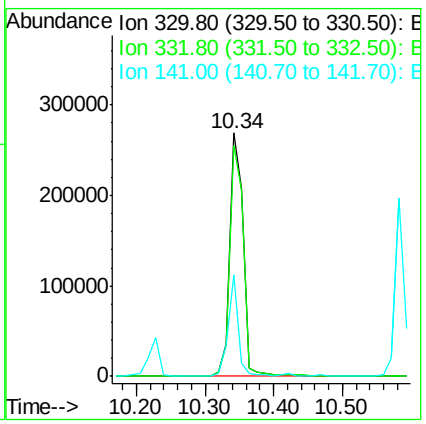


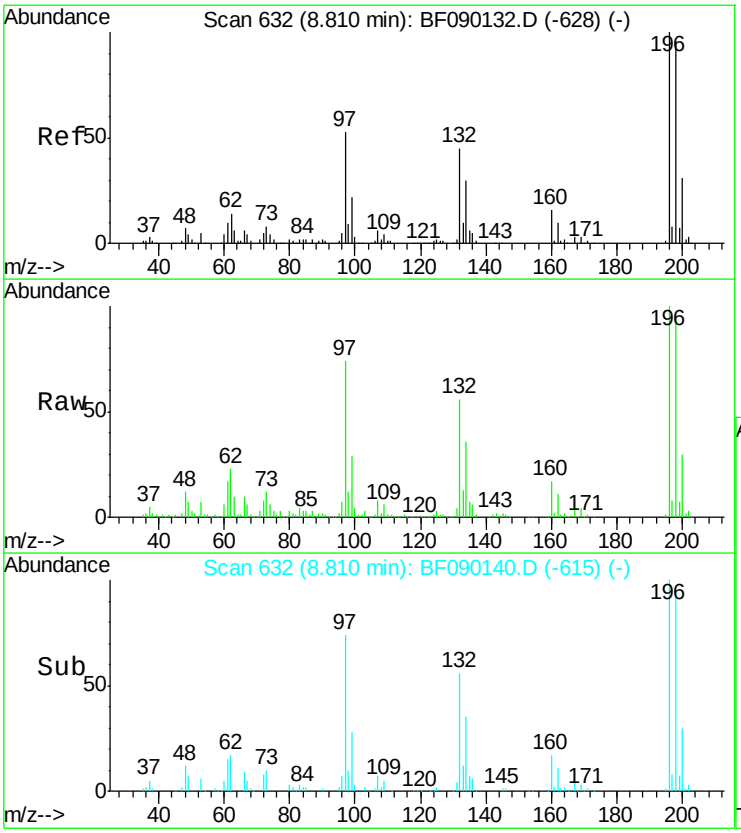
#41
2,4,6-Tribromophenol
Concen: 120.88 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:330 Resp: 375555

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	30.3	23.9	35.9

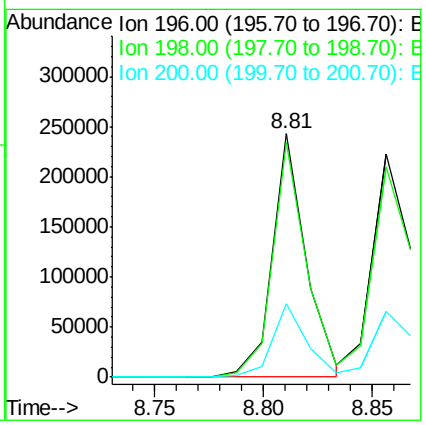


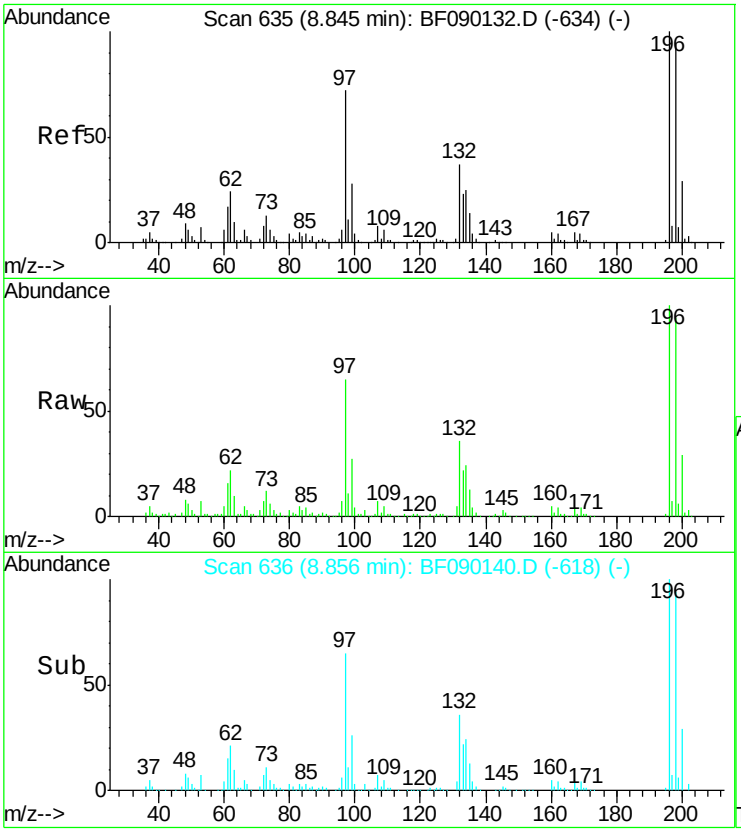


#42
2,4,6-Trichlorophenol
Concen: 44.50 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:196 Resp: 263597

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	29.9	24.1	36.1



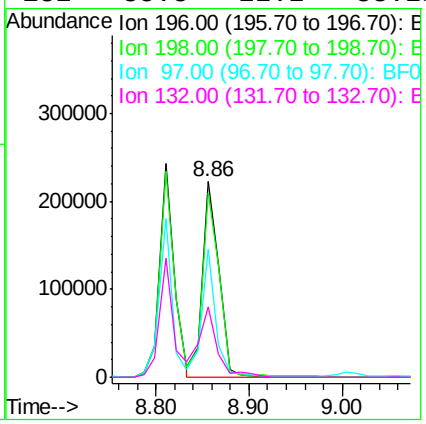


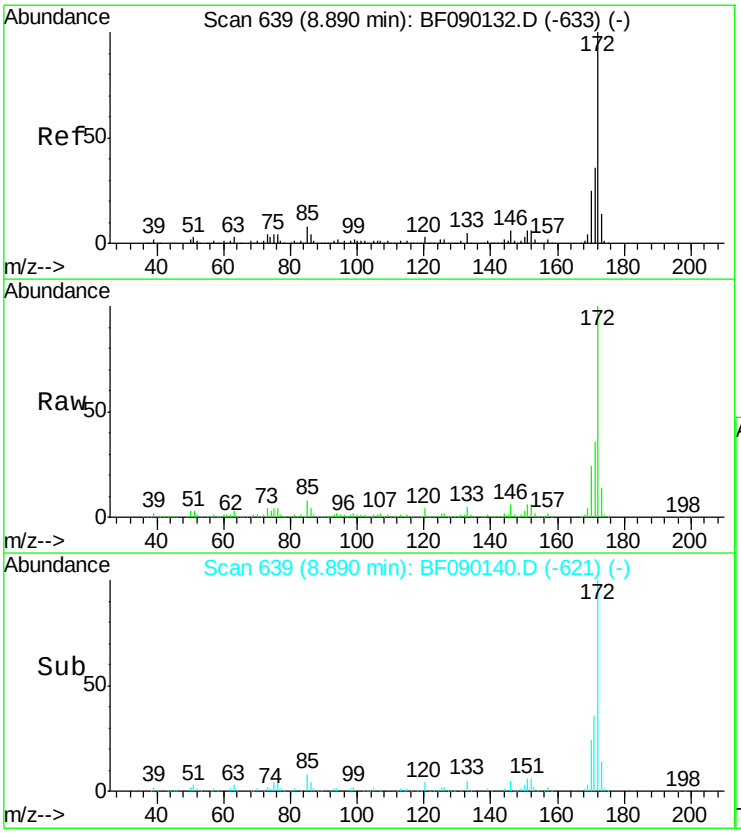
#43
2,4,5-Trichlorophenol
Concen: 44.99 ng
RT: 8.86 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:196 Resp: 275929

Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.6	114.8
97	65.5	34.4	51.6#
132	35.8	22.2	33.2#

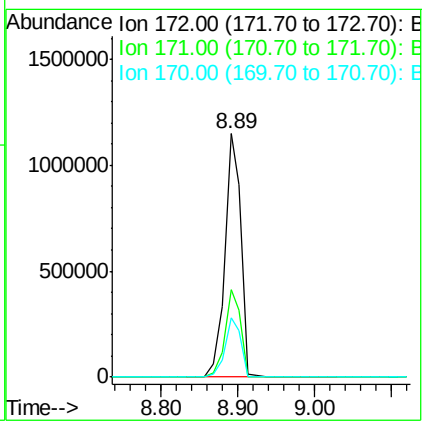


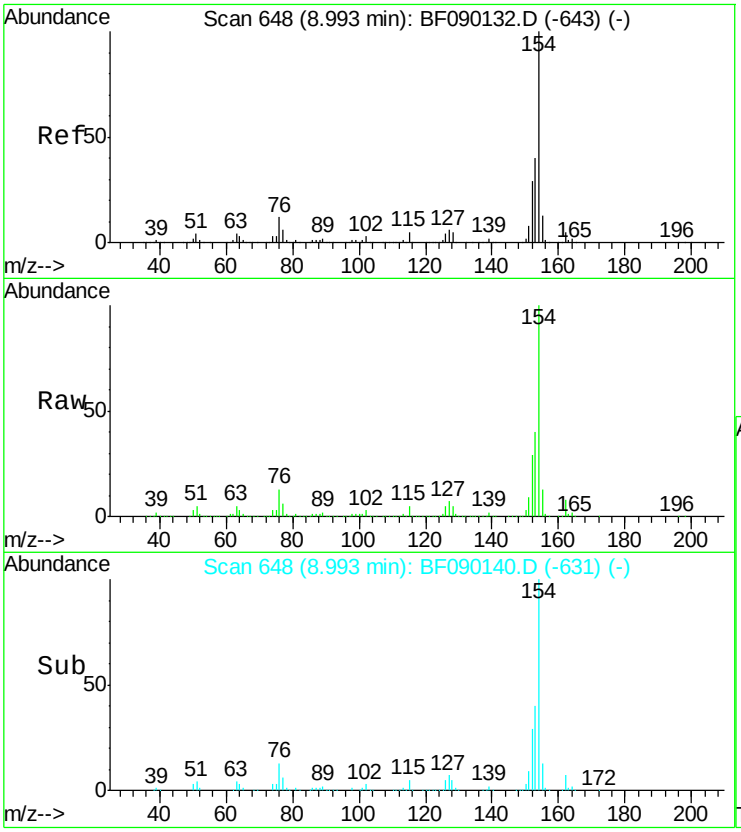


#44
2-Fluorobiphenyl
Concen: 92.58 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:172 Resp: 1707800

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.3	19.8	29.8



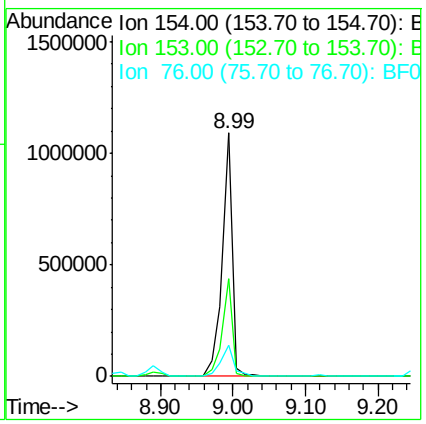


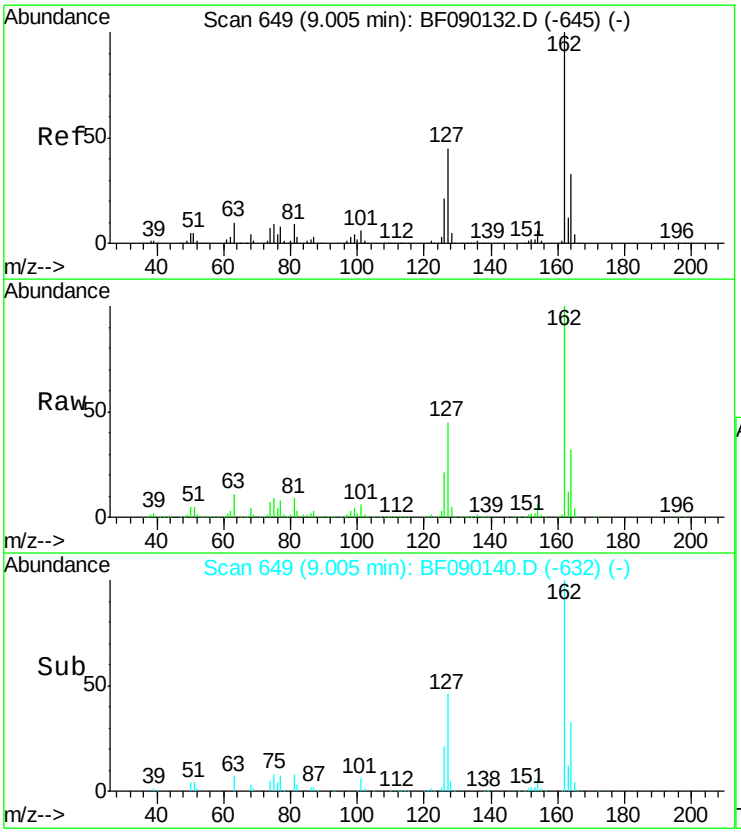
#45
1,1'-Biphenyl
Concen: 40.89 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:154 Resp: 1059325

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.9	0.0	36.7

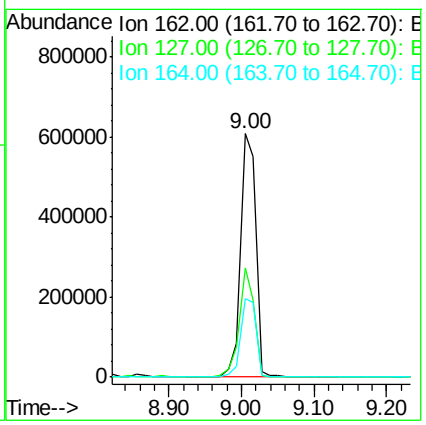


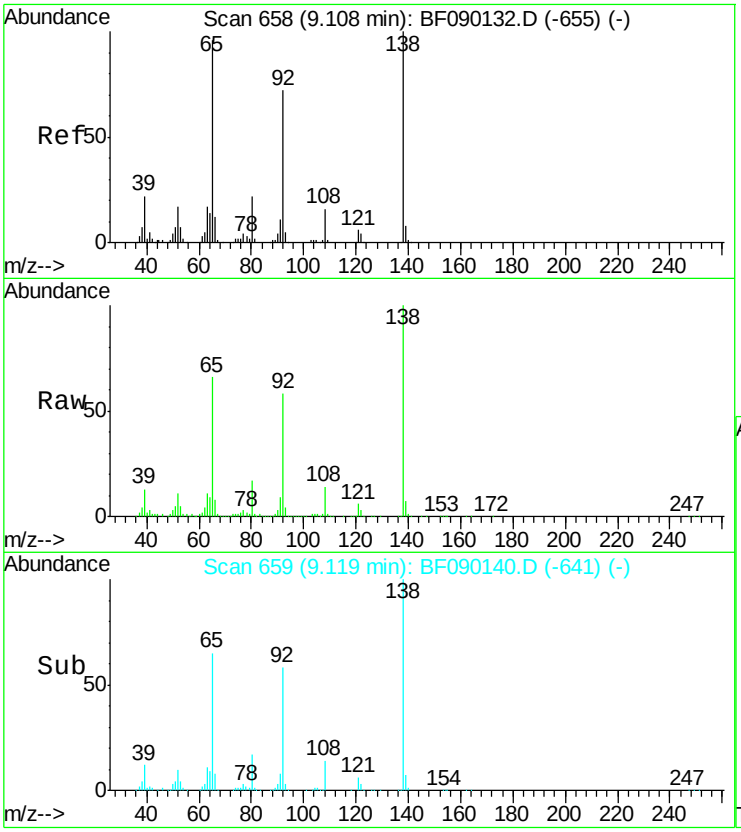


#46
2-Chloronaphthalene
Concen: 46.50 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:162 Resp: 888865

Ion	Ratio	Lower	Upper
162	100		
127	44.8	34.0	51.0
164	32.4	26.8	40.2



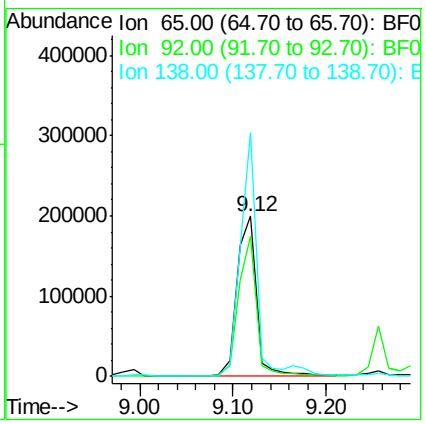


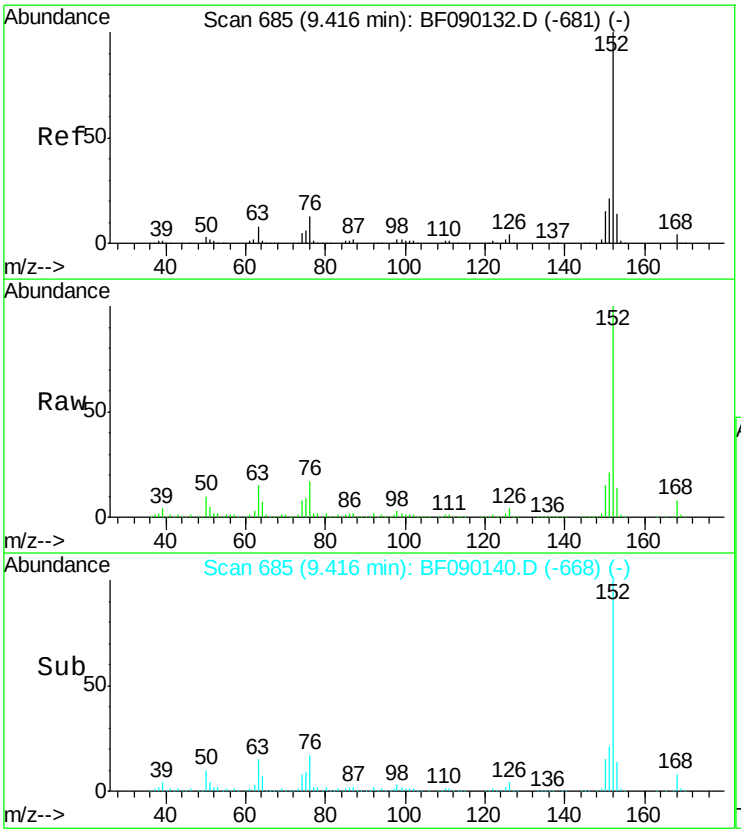
#47
2-Nitroaniline
Concen: 50.56 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion: 65 Resp: 291368

Ion	Ratio	Lower	Upper
65	100		
92	87.8	66.1	99.1
138	152.2	104.1	156.1

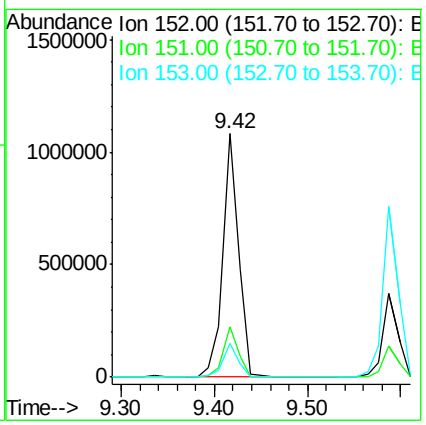


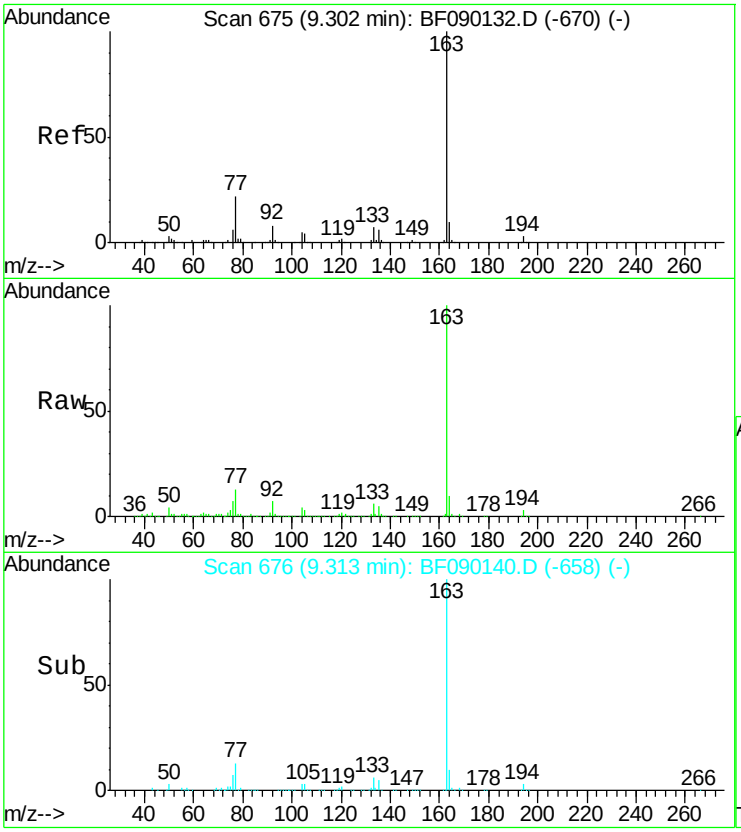


#48
Acenaphthylene
Concen: 40.84 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:152 Resp: 1267859

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.8	10.6	15.8



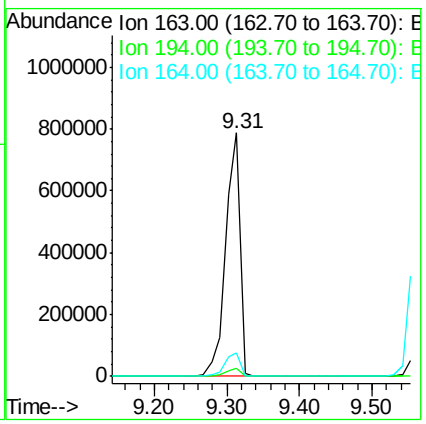


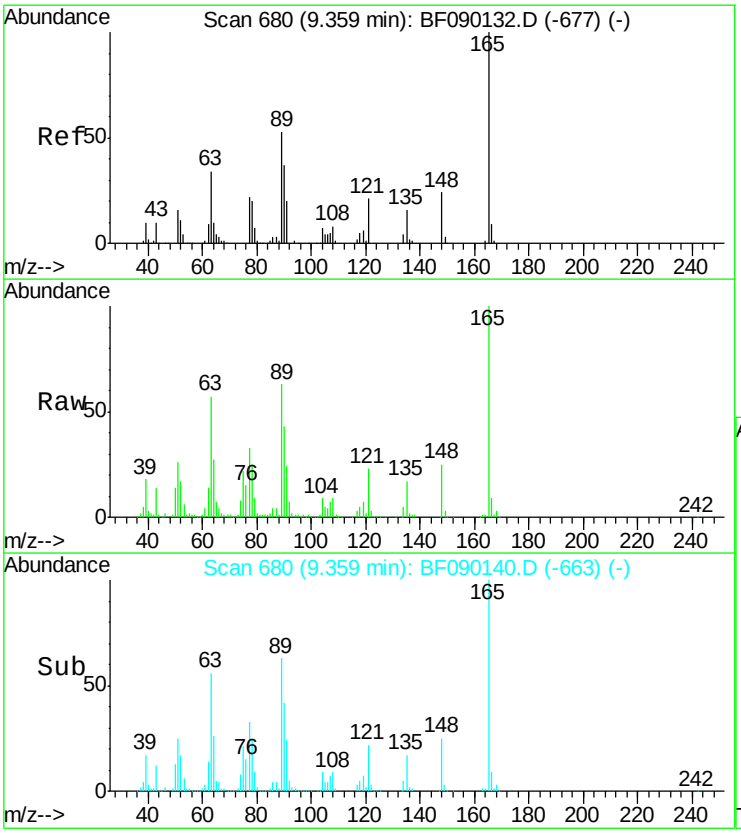
#49
Dimethylphthalate
Concen: 46.90 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:163 Resp: 1081827

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.1	12.1

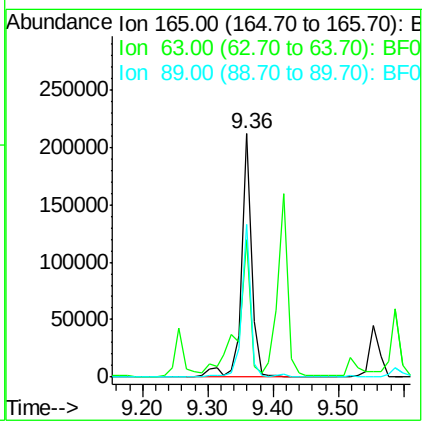


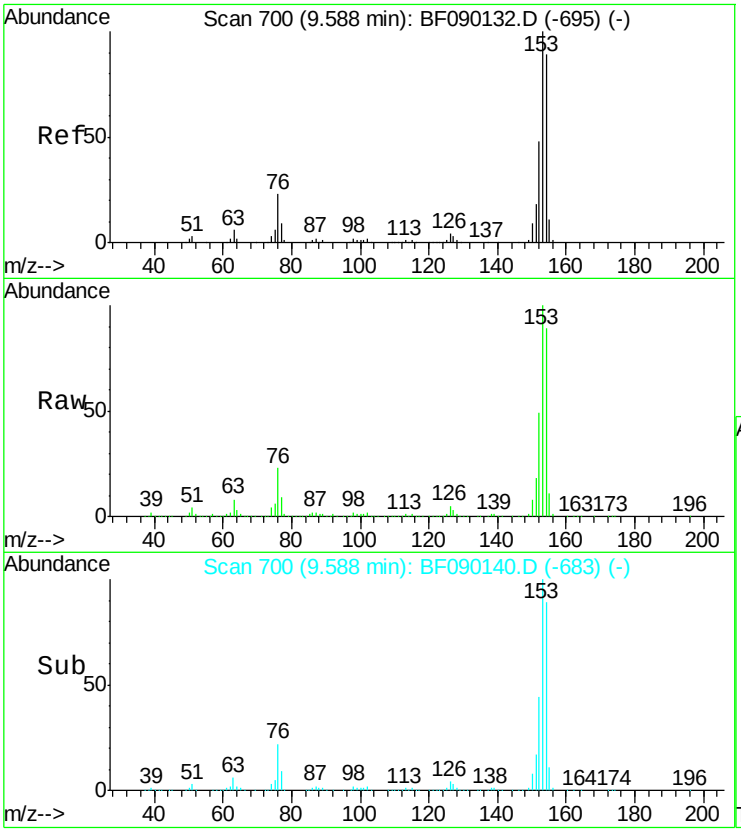


#50
2,6-Dinitrotoluene
Concen: 43.92 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:165 Resp: 225804

Ion	Ratio	Lower	Upper
165	100		
63	56.7	49.9	74.9
89	62.8	51.0	76.4



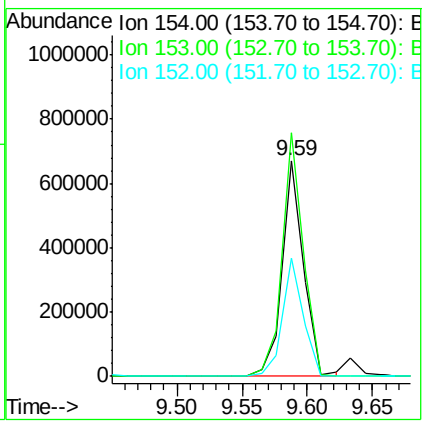


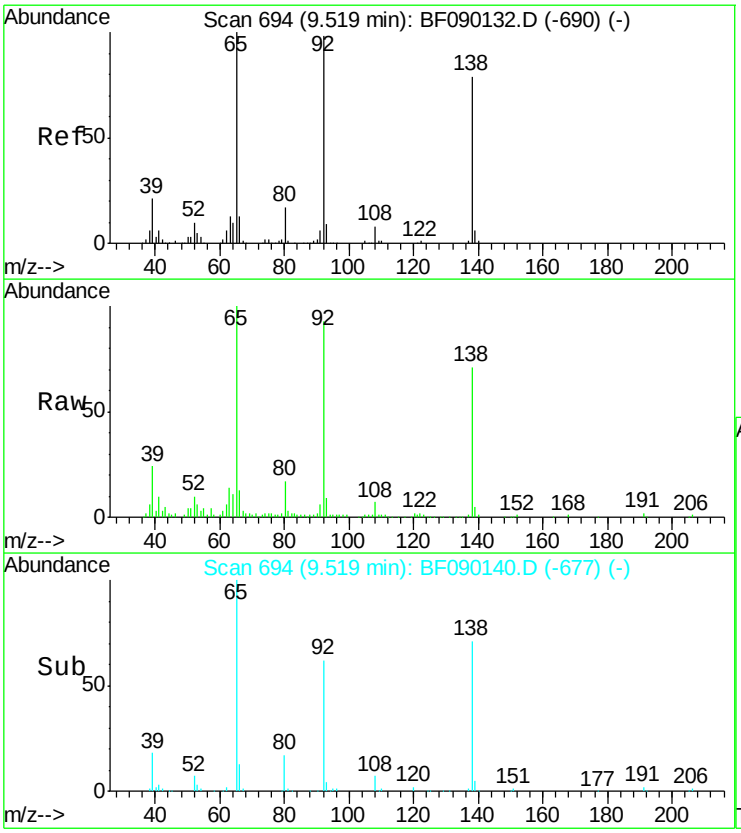
#51
Acenaphthene
Concen: 42.02 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:154 Resp: 774156

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.8	136.2
152	55.1	44.2	66.4

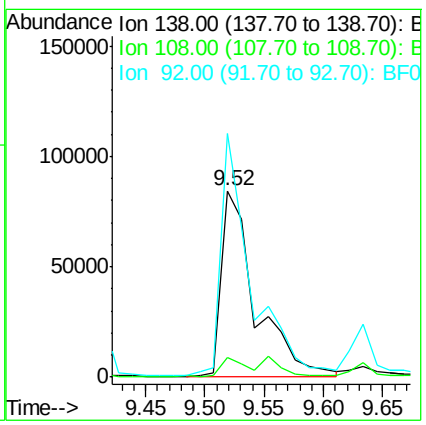


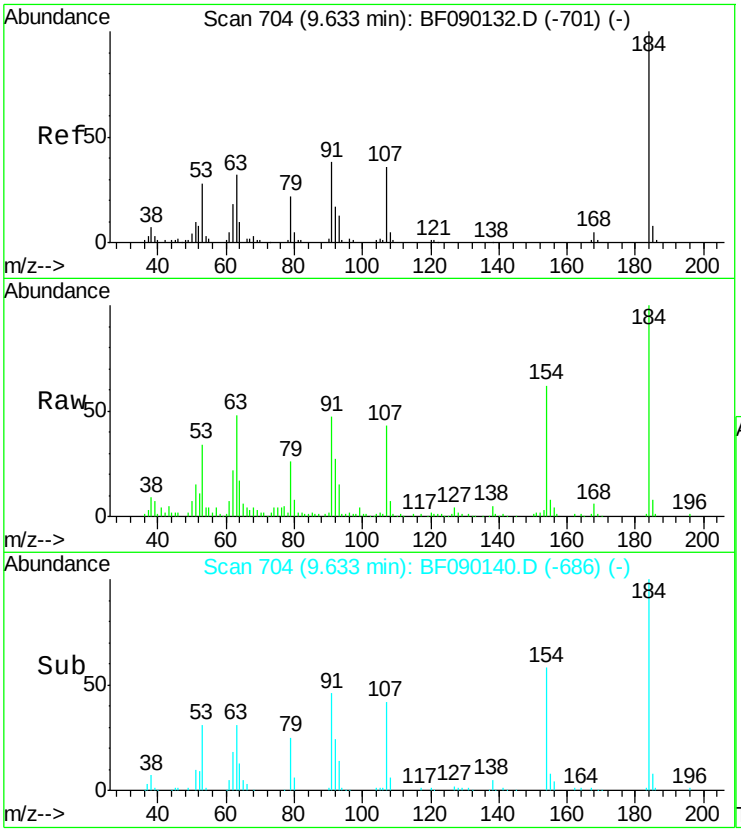


#52
3-Nitroaniline
Concen: 27.58 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:138 Resp: 166212

Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	130.7	90.7	136.1



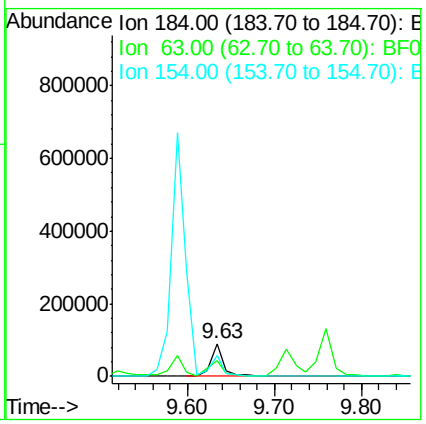


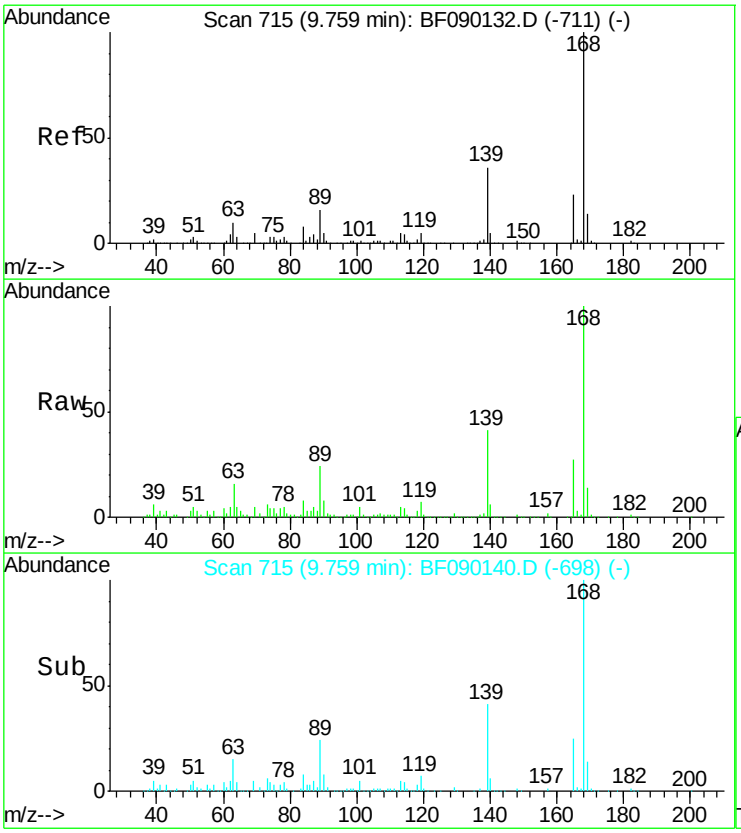
#53
2,4-Dinitrophenol
Concen: 35.50 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:184 Resp: 96845

Ion	Ratio	Lower	Upper
184	100		
63	48.1	44.6	67.0
154	61.9	49.7	74.5

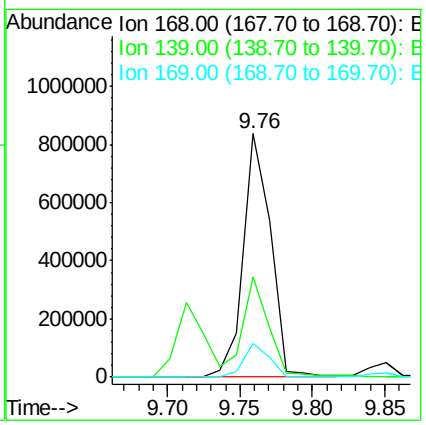


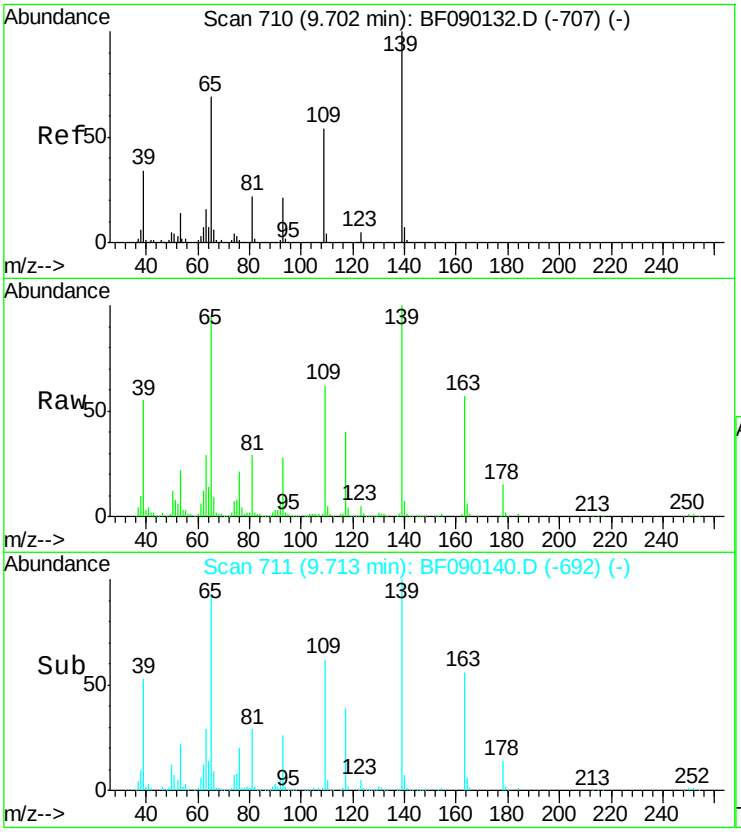


#54
Dibenzofuran
Concen: 45.01 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:168 Resp: 1091358

Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.8	43.2
169	13.9	10.7	16.1



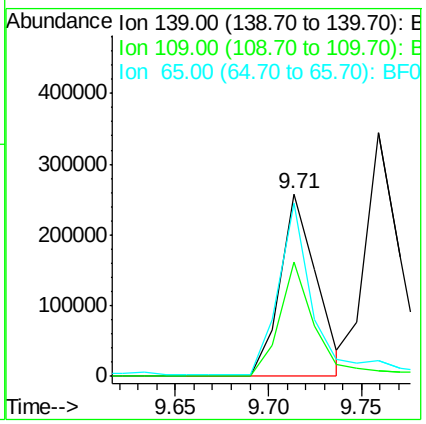


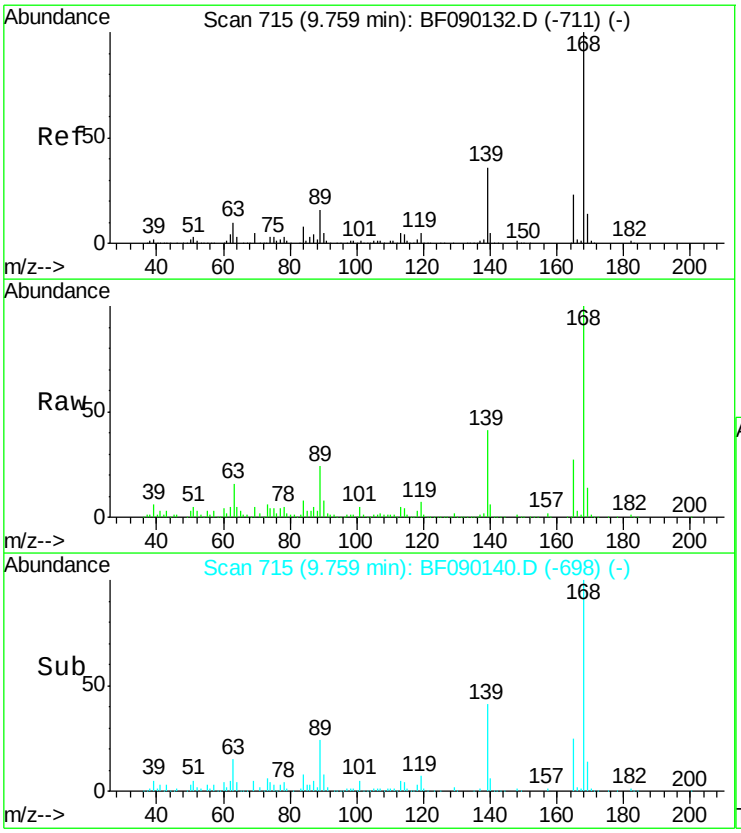
#55
4-Nitrophenol
Concen: 85.09 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:139 Resp: 351367

Ion	Ratio	Lower	Upper
139	100		
109	62.5	35.6	75.6
65	94.8	55.5	95.5

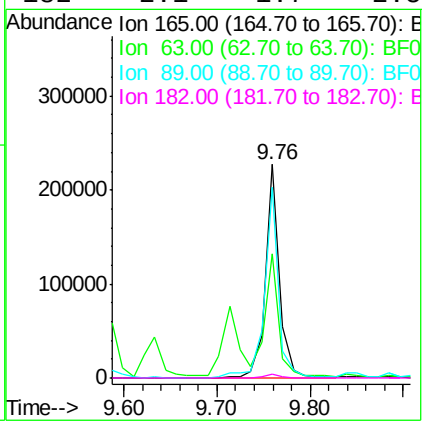


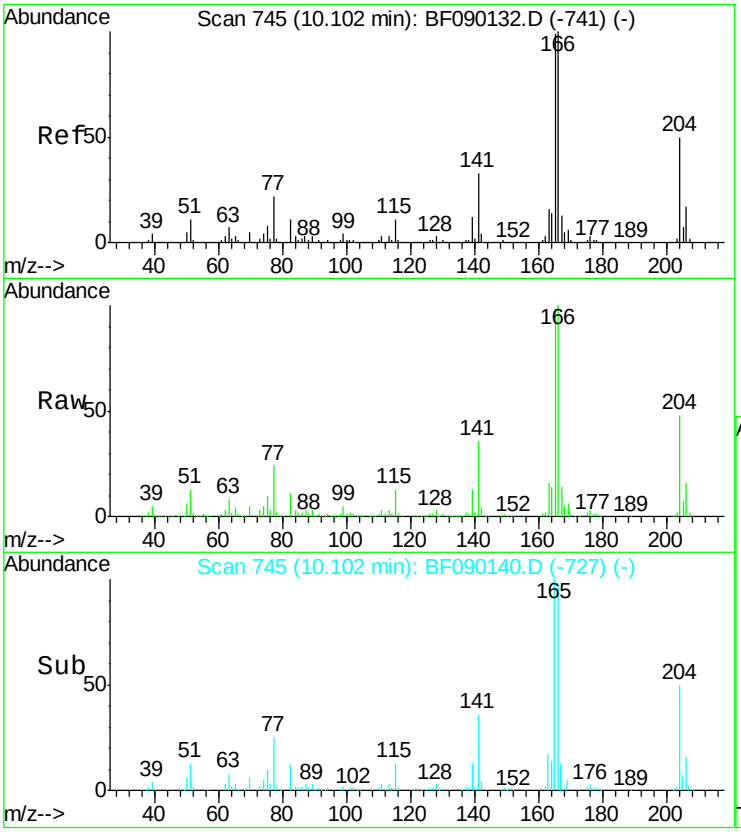


#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:165 Resp: 242888

Ion	Ratio	Lower	Upper
165	100		
63	58.3	44.4	66.6
89	89.2	70.1	105.1
182	2.1	1.7	2.5



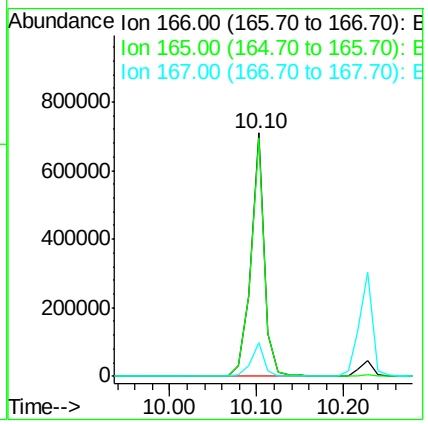


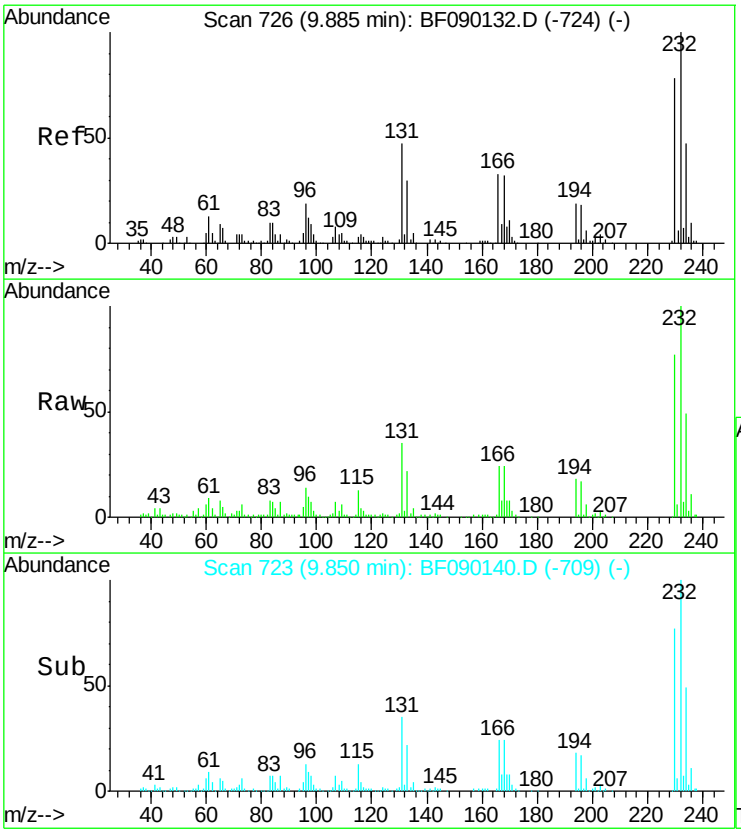
#57
Fluorene
Concen: 42.51 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:166 Resp: 776861

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	13.7	11.2	16.8

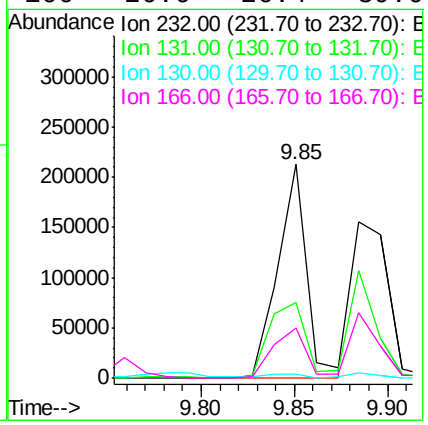


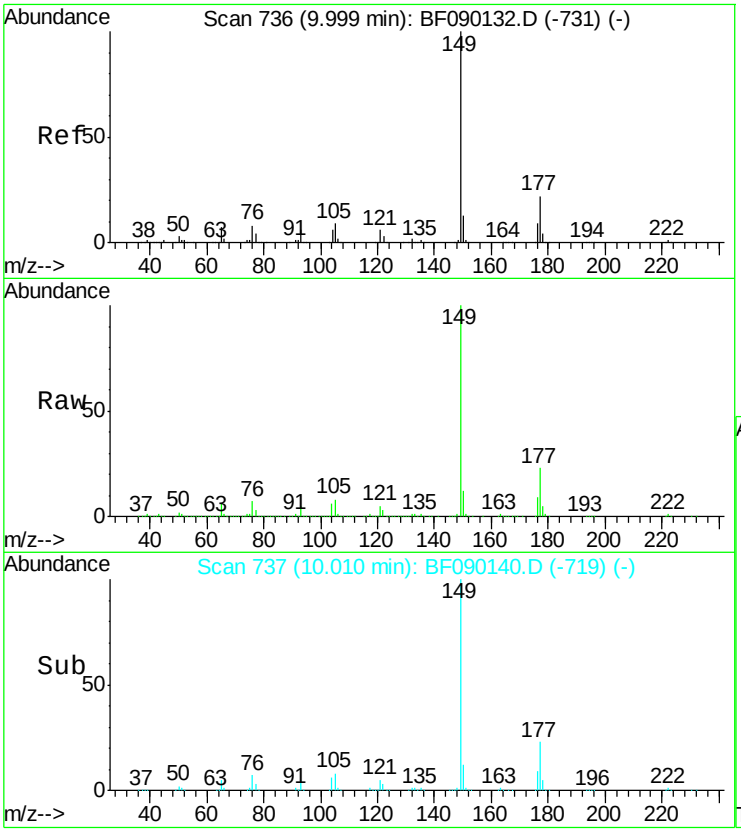


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.80 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:232 Resp: 228675

Ion	Ratio	Lower	Upper
232	100		
131	43.4	42.2	63.4
130	2.1	1.9	2.9
166	26.6	26.4	39.6



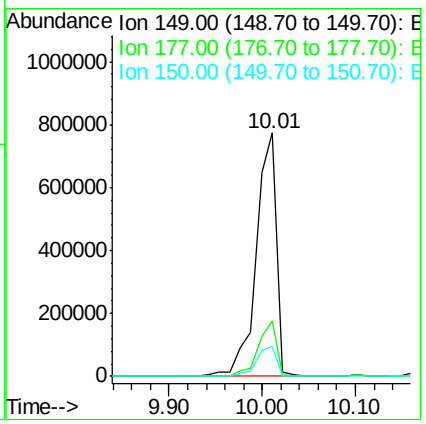


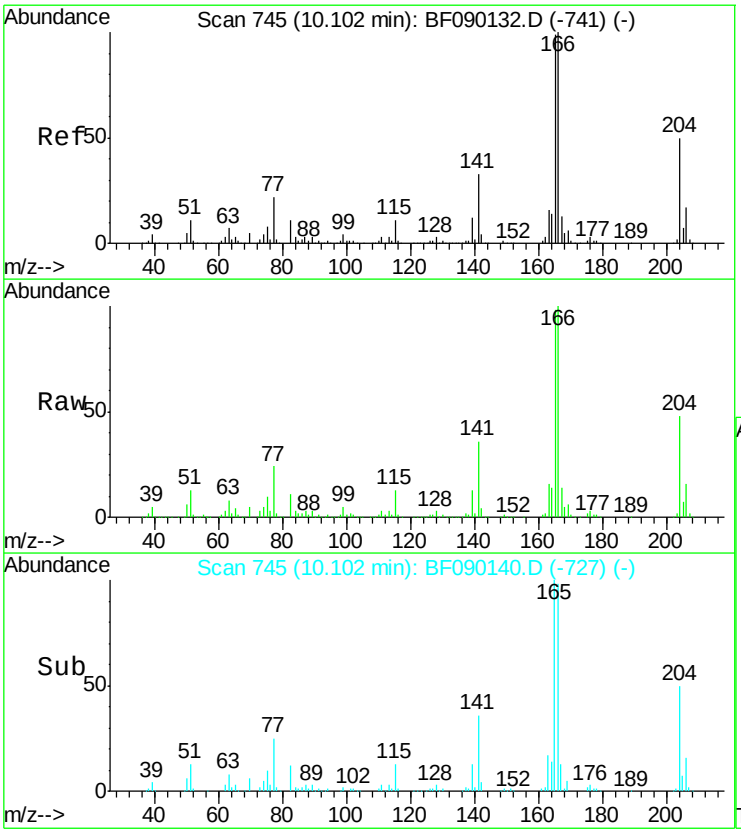
#59
Diethylphthalate
Concen: 52.60 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:149 Resp: 1171655

Ion	Ratio	Lower	Upper
149	100		
177	23.0	15.8	23.6
150	12.4	10.4	15.6

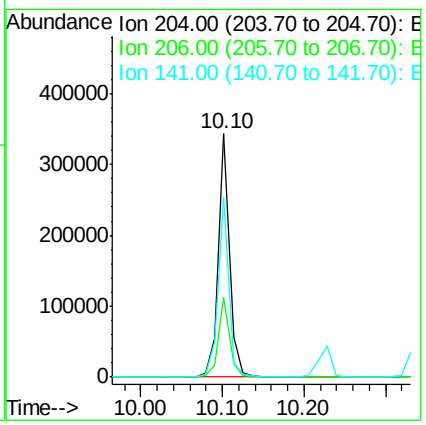


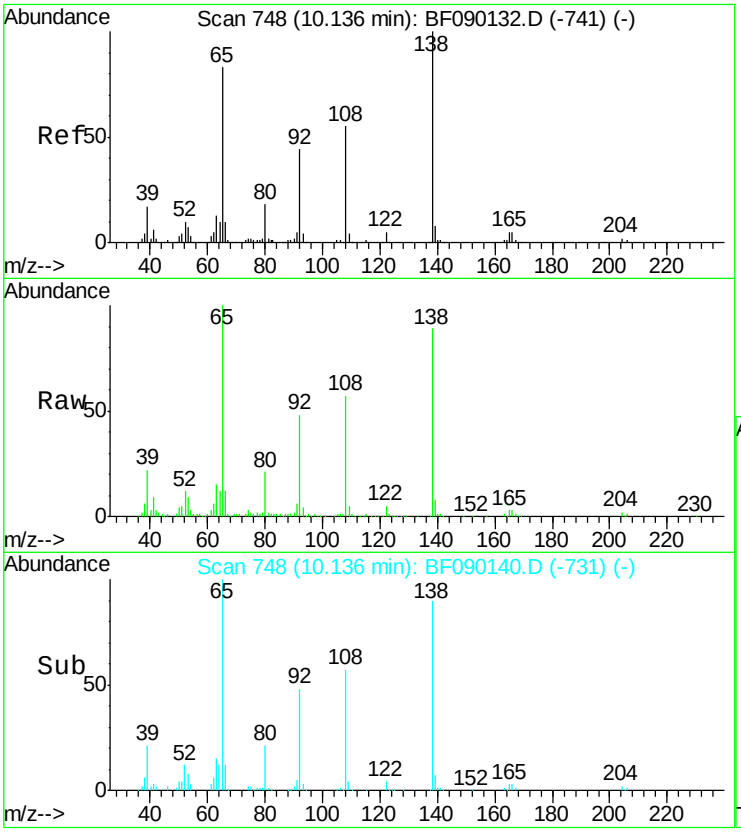


#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:204 Resp: 326226

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	73.8	64.4	96.6



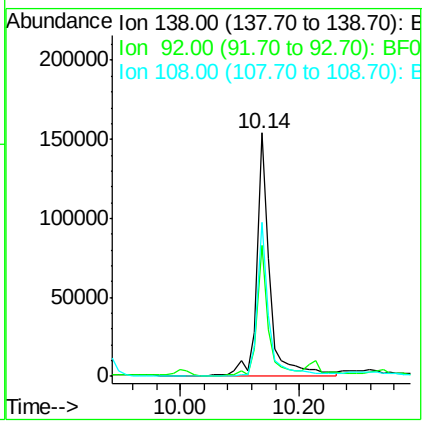


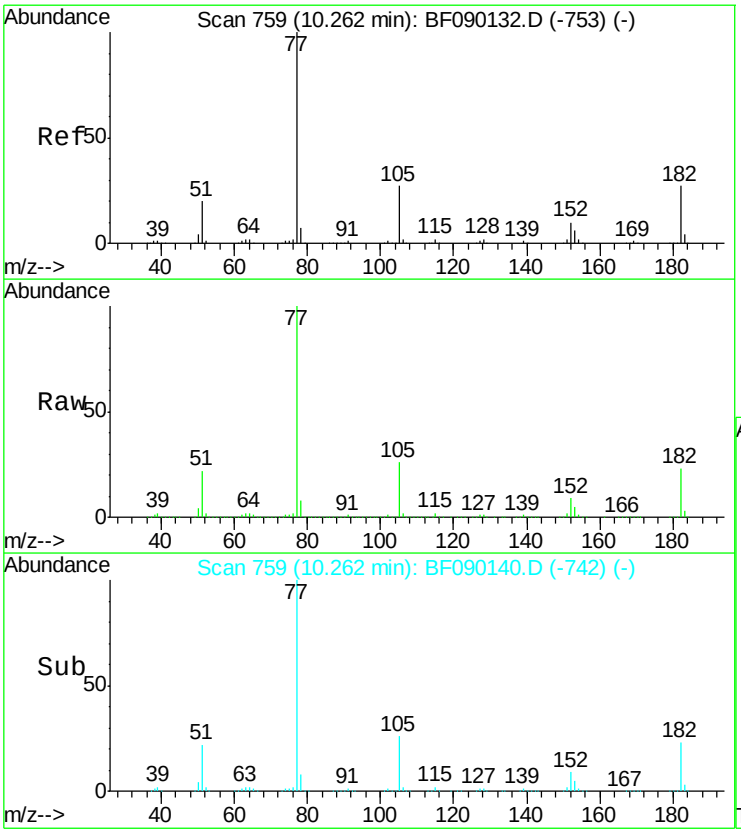
#61
4-Nitroaniline
Concen: 37.07 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:138 Resp: 227725

Ion	Ratio	Lower	Upper
138	100		
92	54.0	23.8	63.8
108	63.4	35.0	75.0

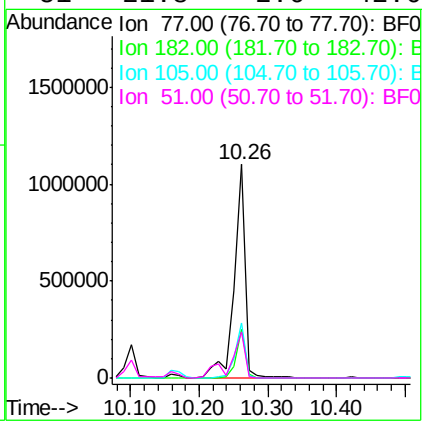


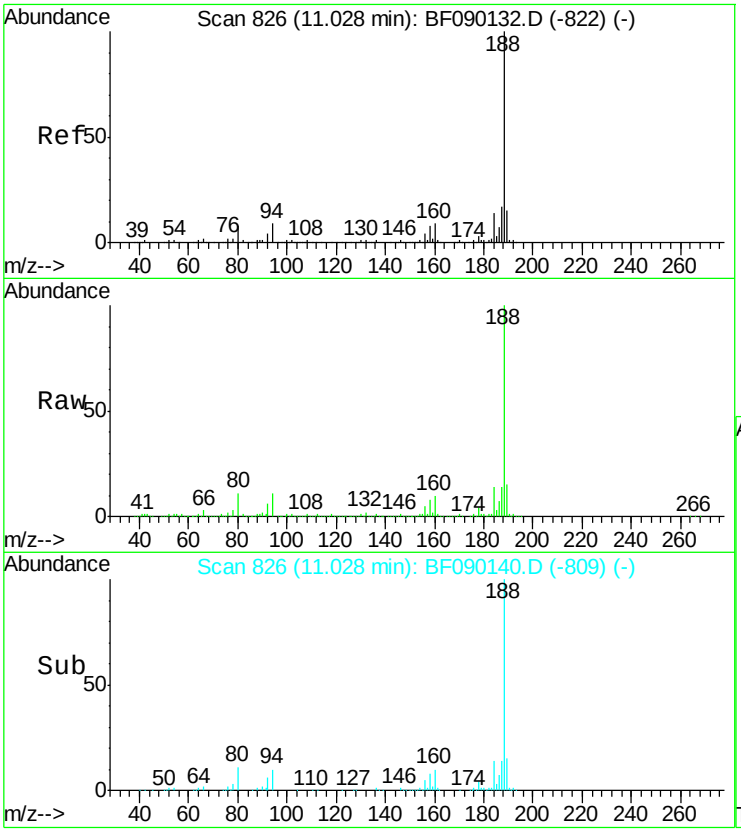


#62
Azobenzene
Concen: 53.14 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion: 77 Resp: 1232282

Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.0	38.4
105	25.7	3.8	43.8
51	21.8	2.6	42.6



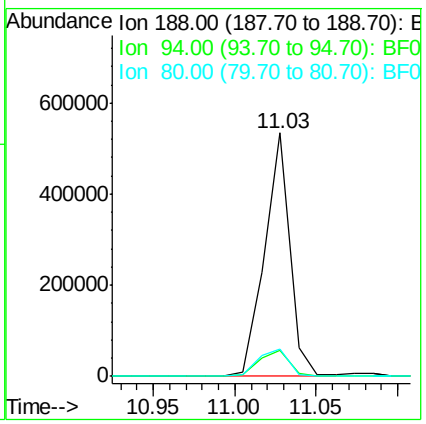


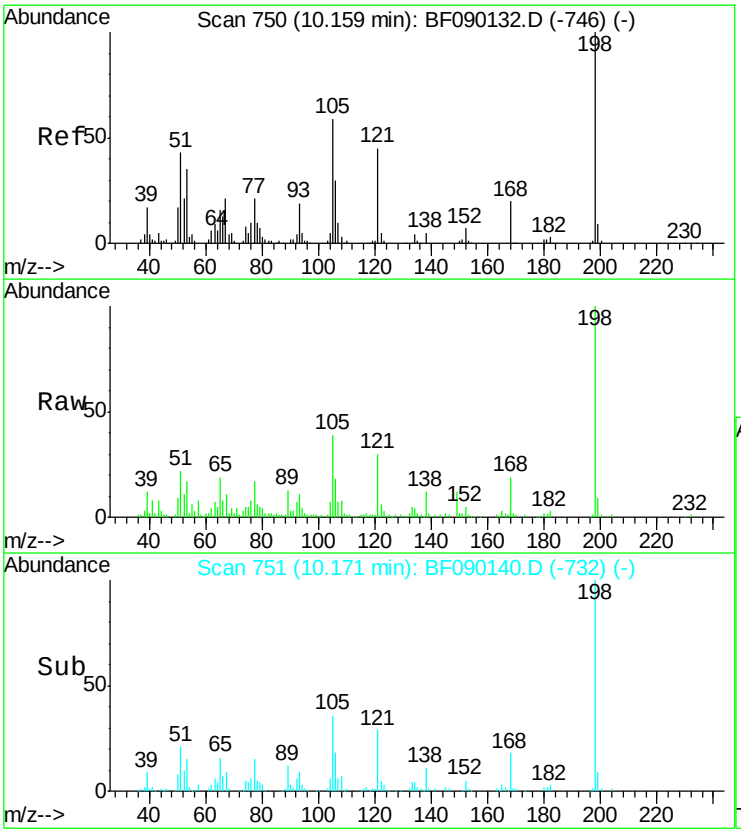
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:188 Resp: 581286

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.5	15.7
80	11.1	11.2	16.8#

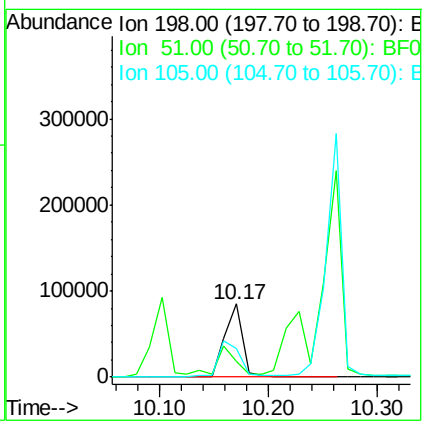


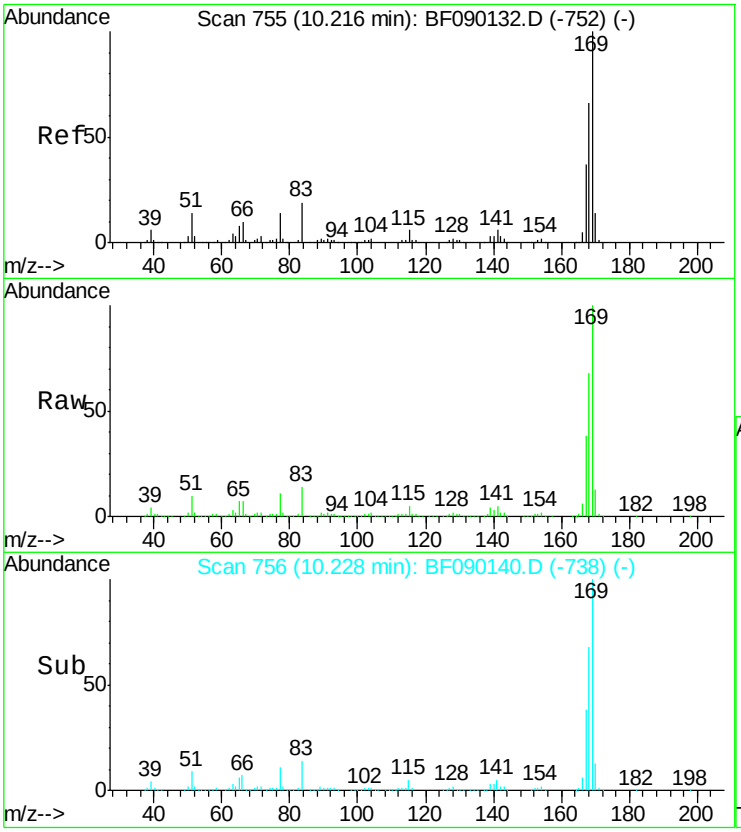


#64
4,6-Dinitro-2-methylphenol
Concen: 26.54 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:198 Resp: 96628

Ion	Ratio	Lower	Upper
198	100		
51	22.2	5.5	45.5
105	38.5	21.8	61.8



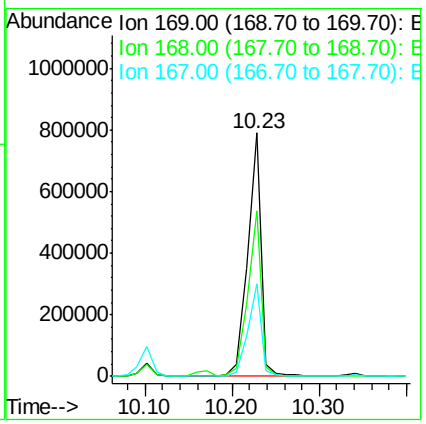


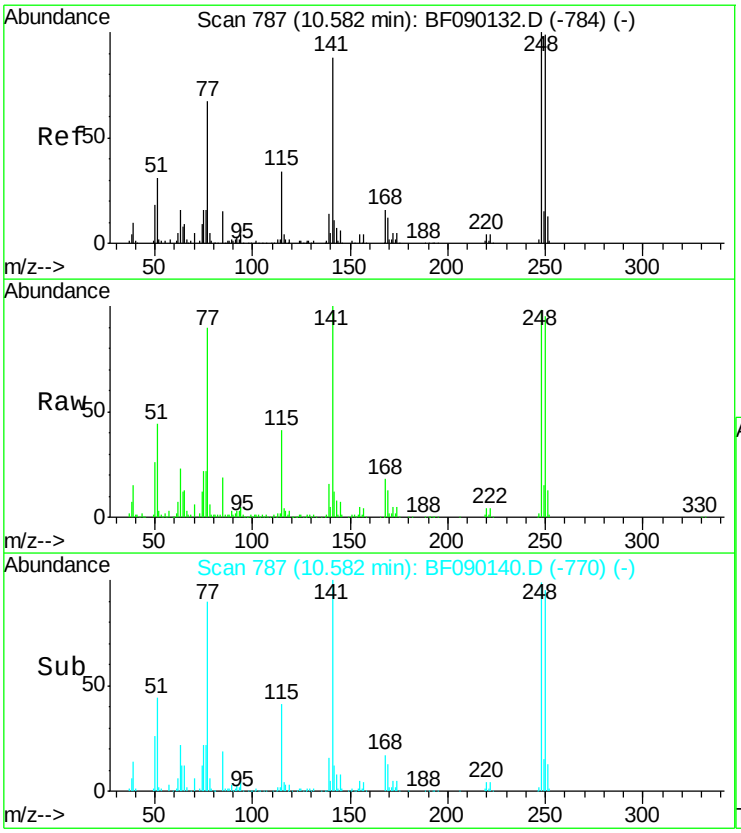
#65
n-Nitrosodiphenylamine
Concen: 44.88 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:169 Resp: 857858

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.4
167	38.2	30.3	45.5

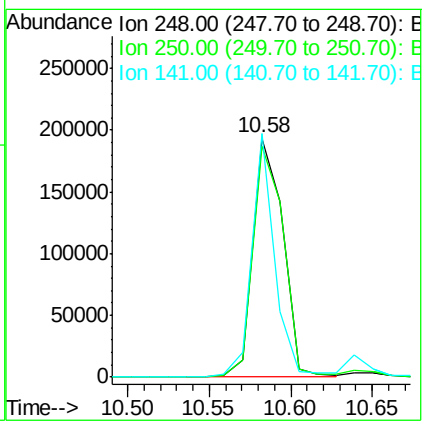


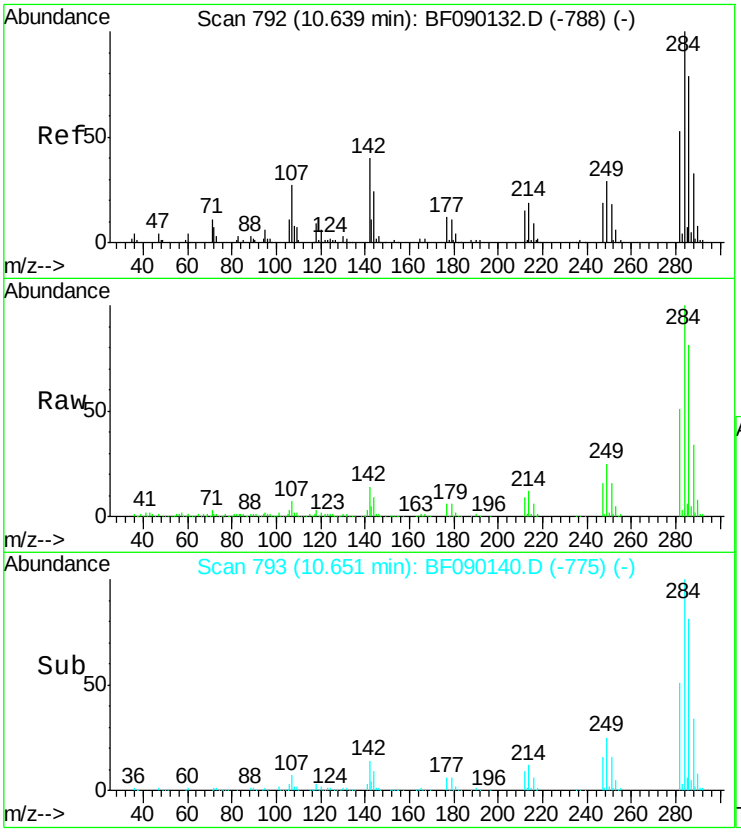


#66
4-Bromophenyl-phenylether
Concen: 43.54 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:248 Resp: 249057

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.2
141	101.9	49.3	73.9#



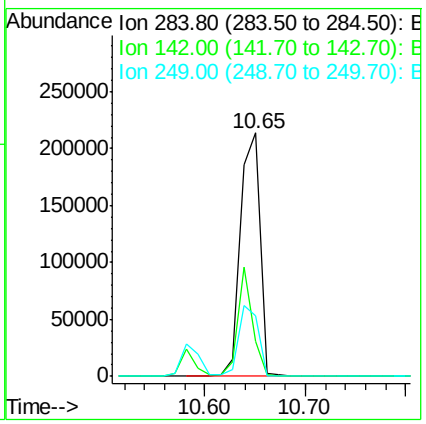


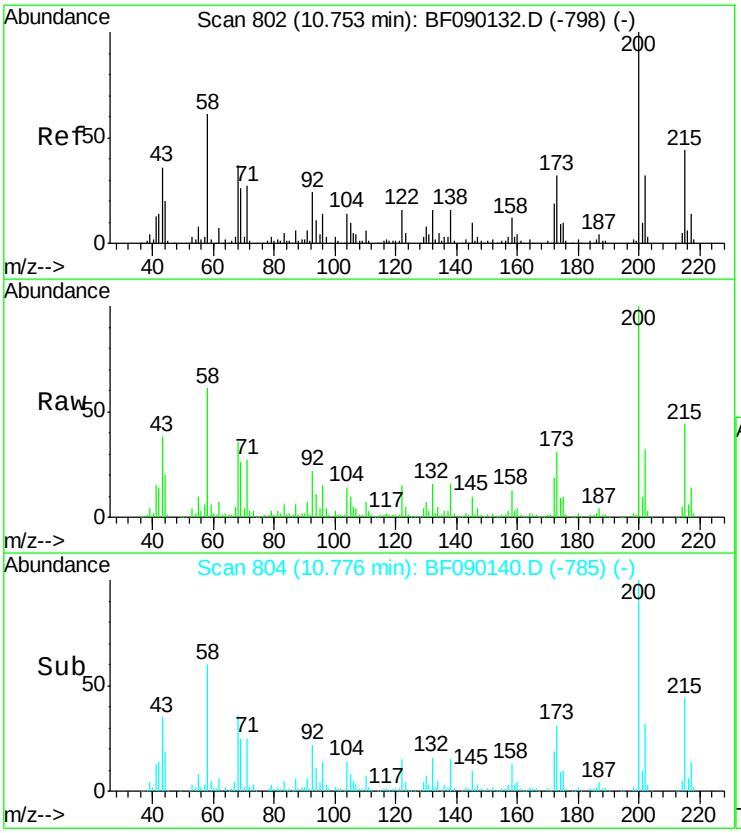
#67
Hexachlorobenzene
Concen: 43.53 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:284 Resp: 290197

Ion	Ratio	Lower	Upper
284	100		
142	14.3	24.0	36.0#
249	24.8	23.8	35.6

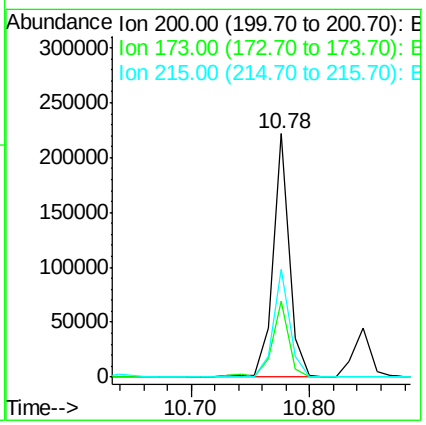


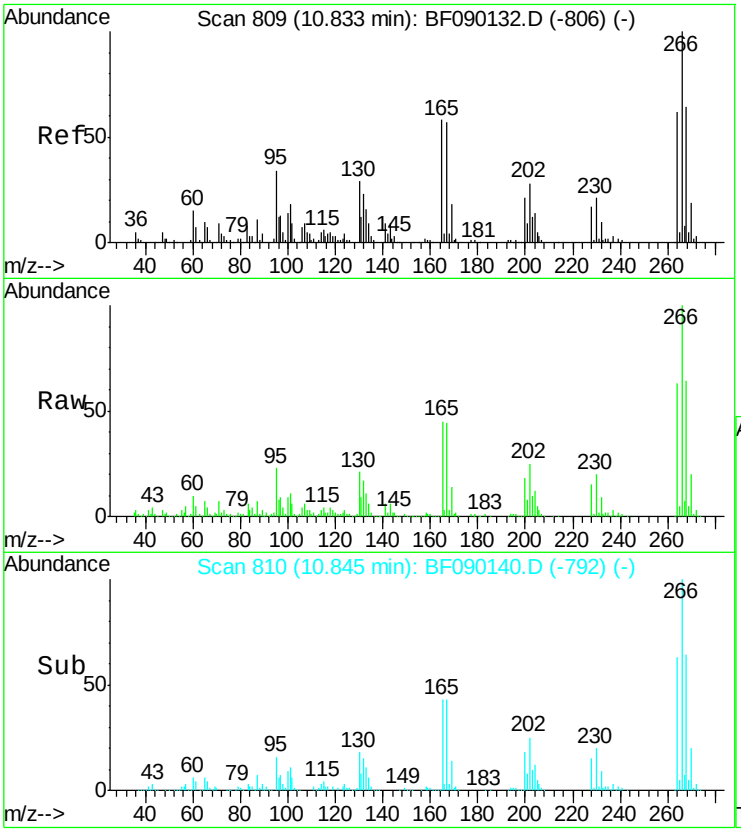


#68
Atrazine
Concen: 40.76 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:200 Resp: 213474

Ion	Ratio	Lower	Upper
200	100		
173	31.1	9.3	49.3
215	44.5	26.1	66.1



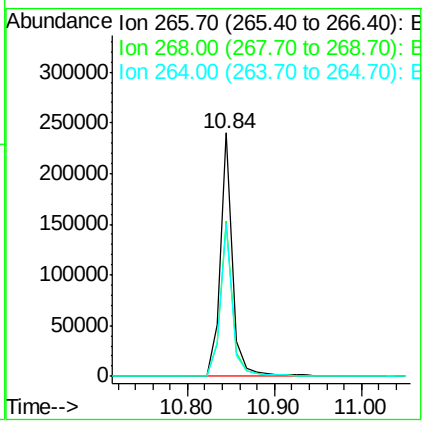


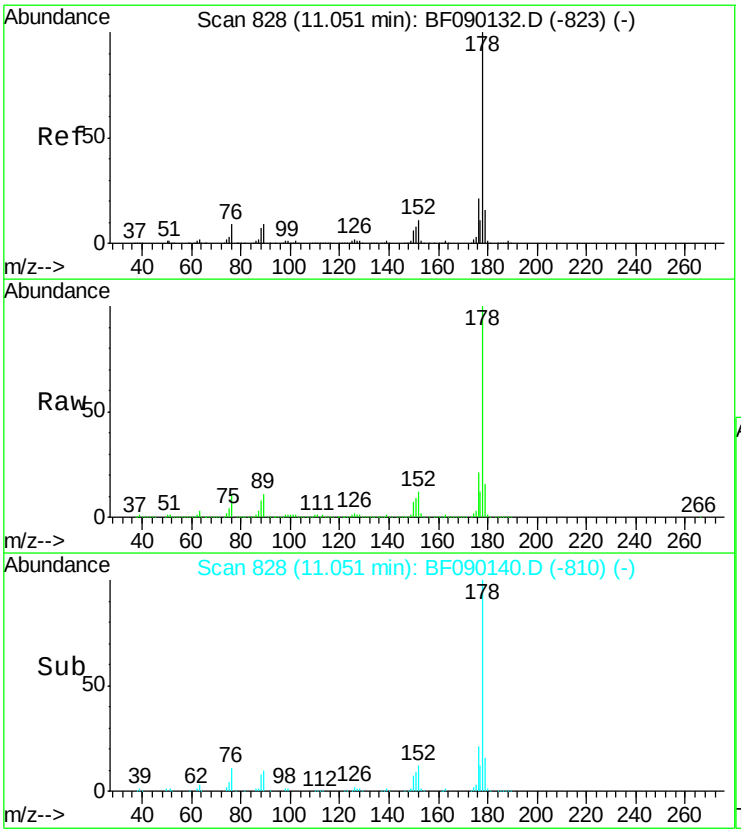
#69
Pentachlorophenol
Concen: 63.63 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:266 Resp: 240769

Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.1	78.1
264	62.7	50.3	75.5

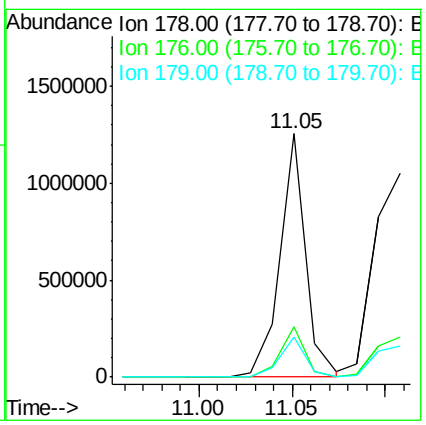


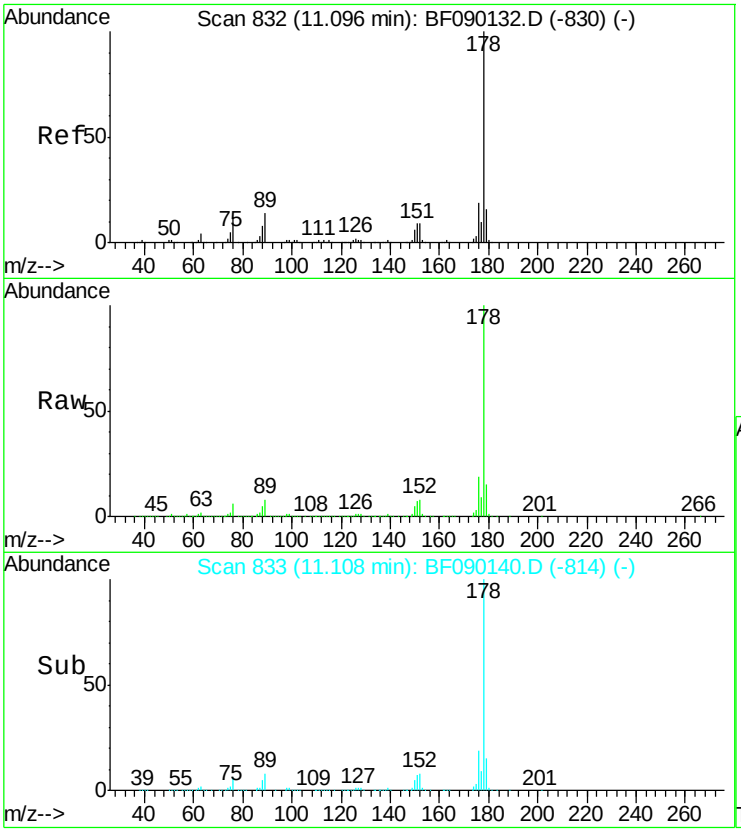


#70
Phenanthrene
Concen: 44.21 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:178 Resp: 1201893

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.9	23.9
179	16.2	12.9	19.3



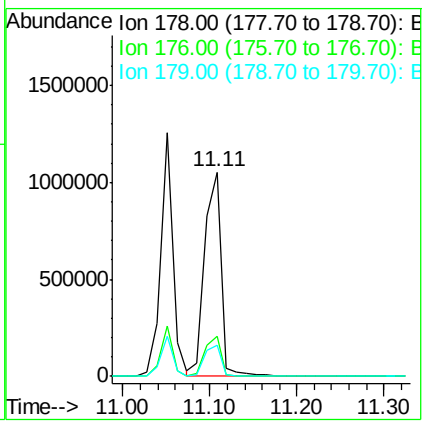


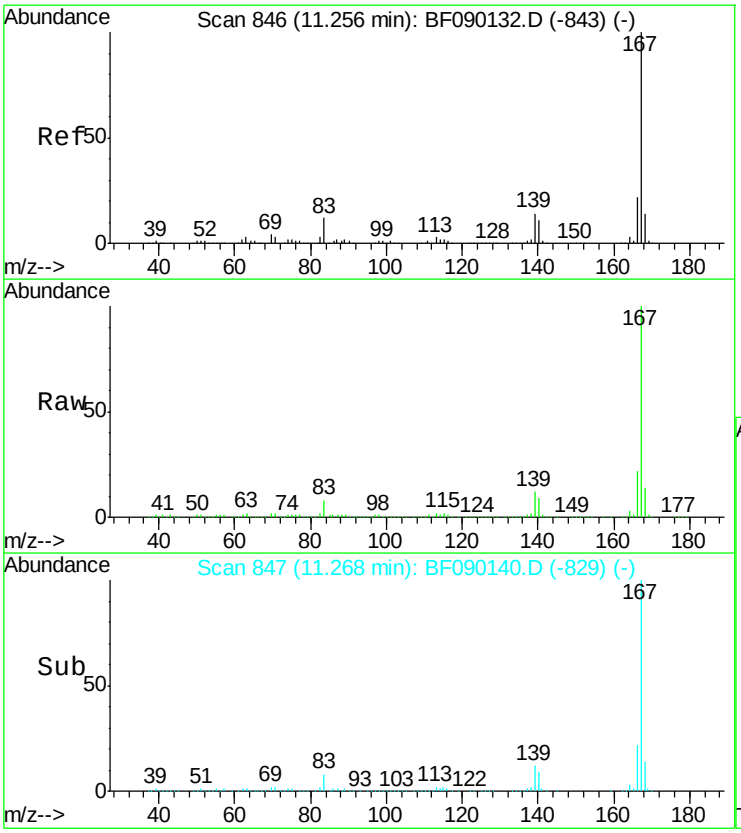
#71
Anthracene
Concen: 49.18 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:178 Resp: 1402130

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.4	12.6	19.0

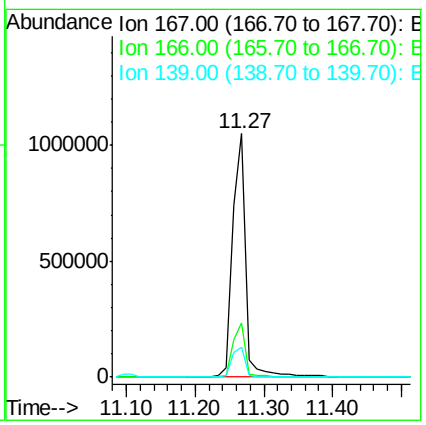


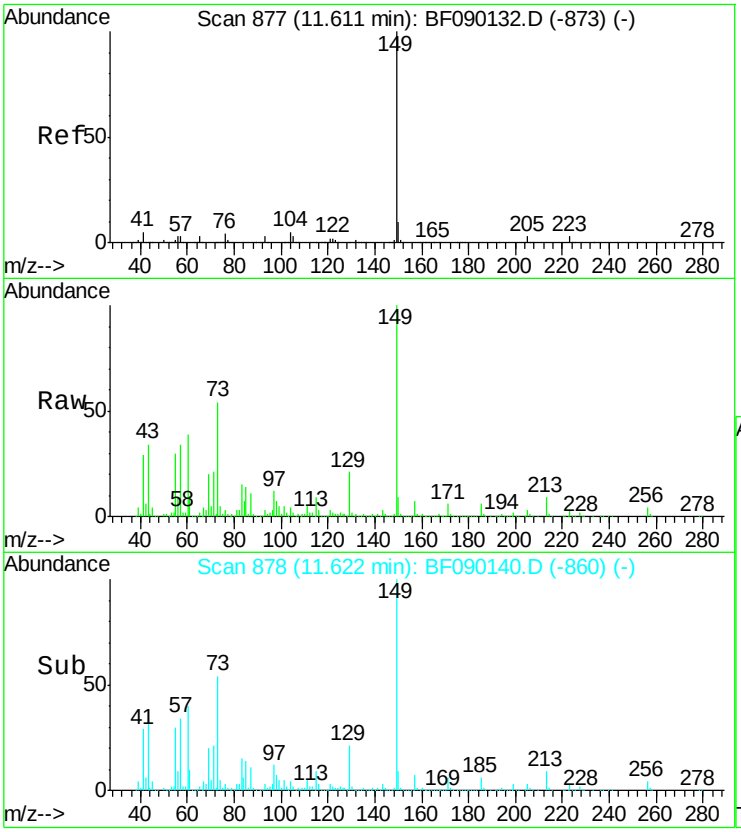


#72
Carbazole
Concen: 46.20 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:167 Resp: 1392471

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	12.2	10.4	15.6



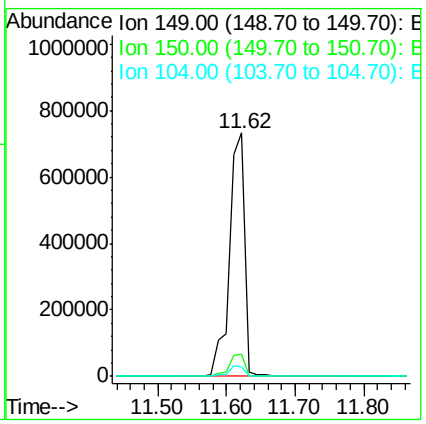


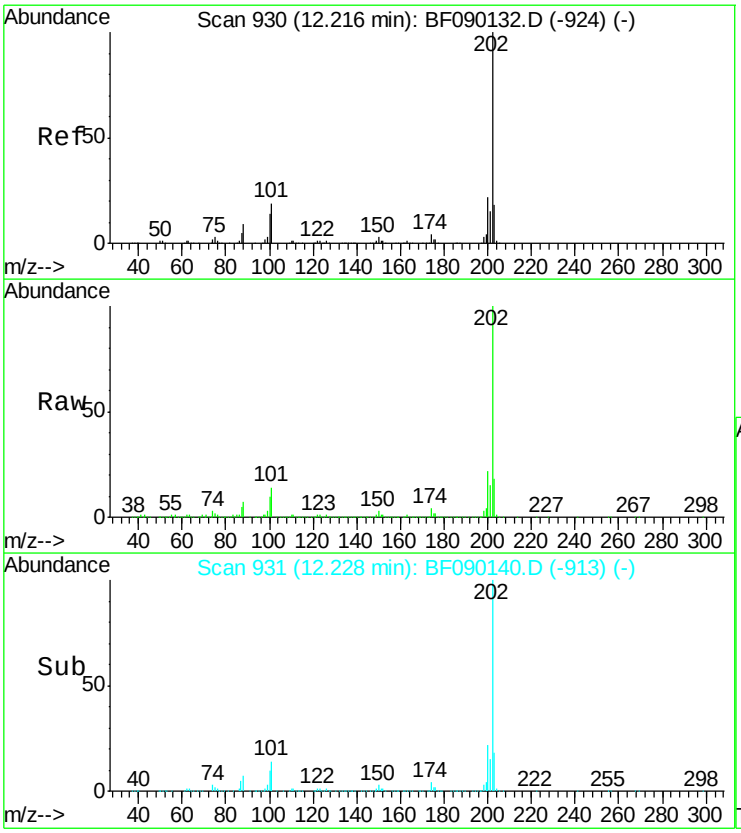
#73
Di-n-butylphthalate
Concen: 32.67 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:149 Resp: 1145137

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.8
104	4.1	3.9	5.9

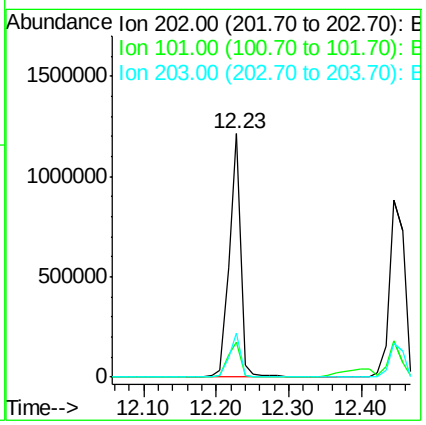


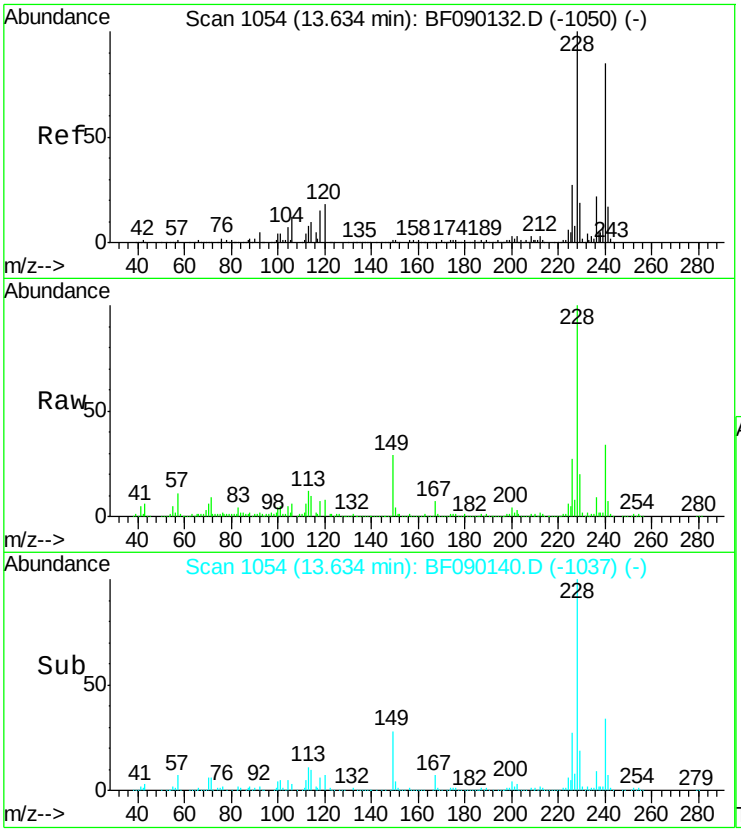


#74
Fluoranthene
Concen: 45.21 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:202 Resp: 1319316

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.1
203	17.9	0.0	38.2



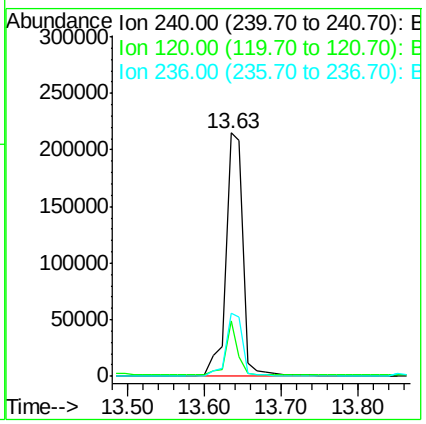


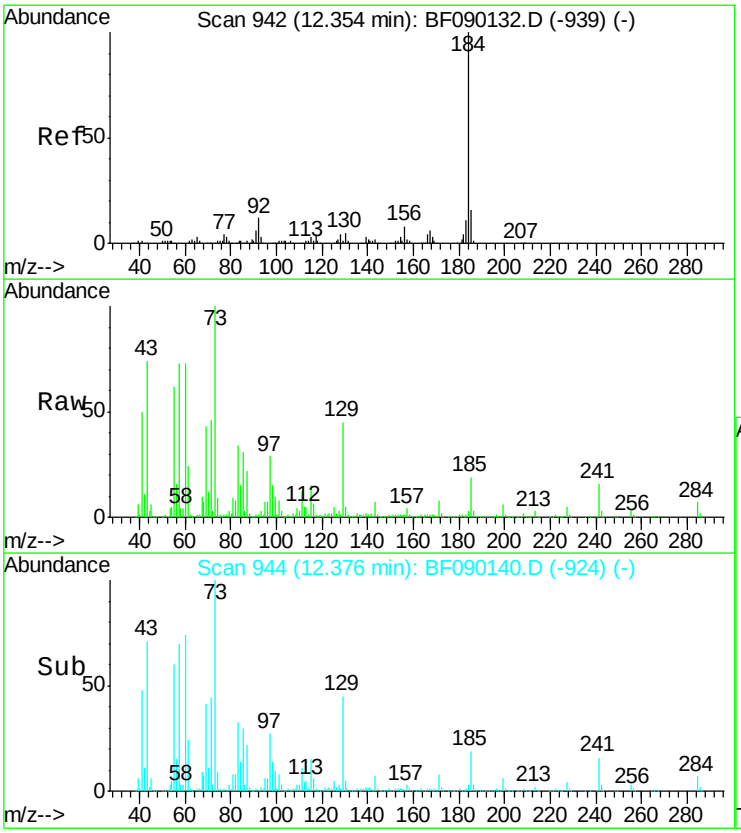
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:240 Resp: 344226

Ion	Ratio	Lower	Upper
240	100		
120	23.0	10.6	16.0#
236	25.9	21.6	32.4

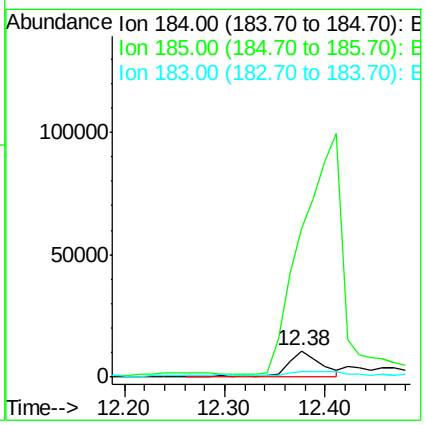


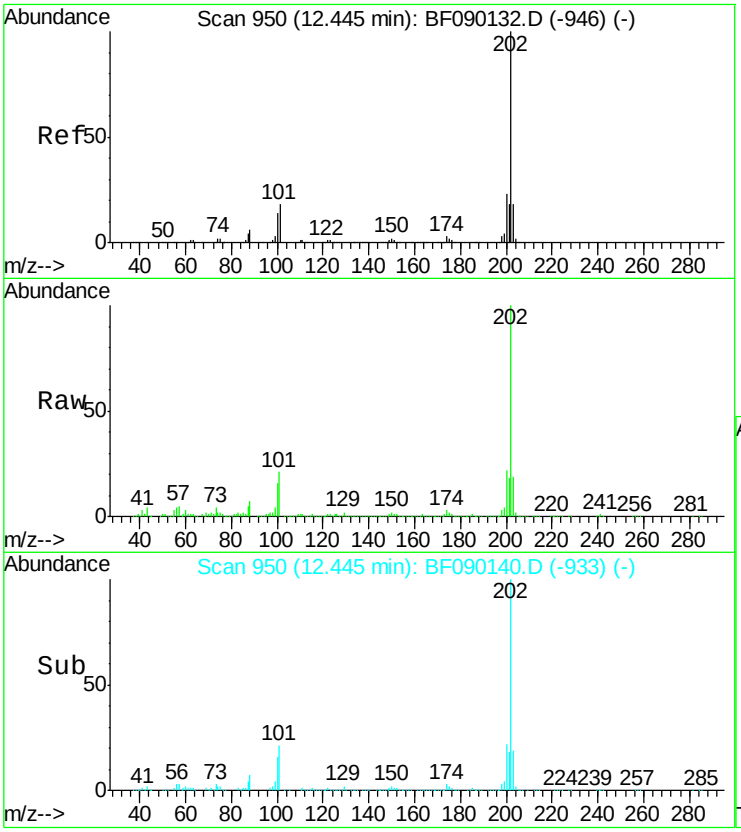


#76
Benzidine
Concen: 2.08 ng
RT: 12.38 min Scan# 944
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:184 Resp: 23991

Ion	Ratio	Lower	Upper
184	100		
185	571.1	13.2	19.8#
183	21.7	9.2	13.8#



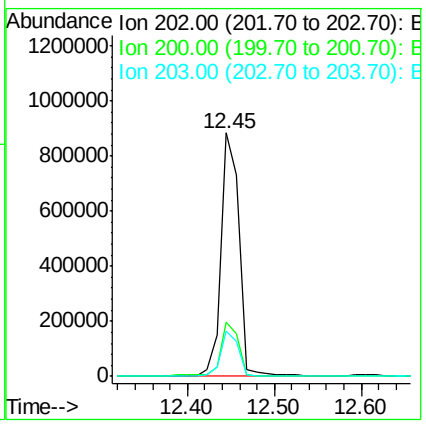


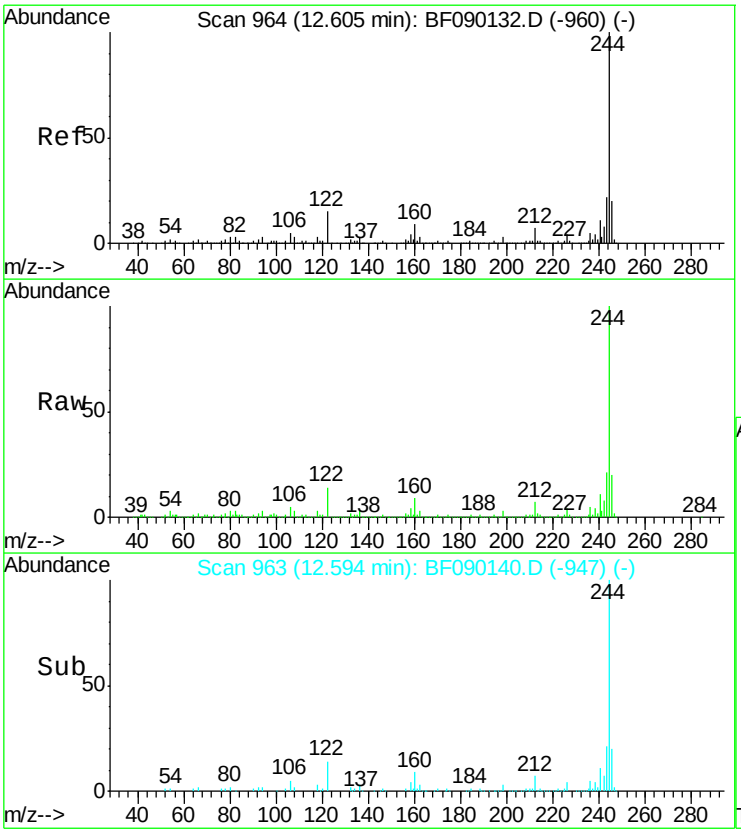
#77
Pyrene
Concen: 53.97 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:202 Resp: 1271327

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.7	14.2	21.4

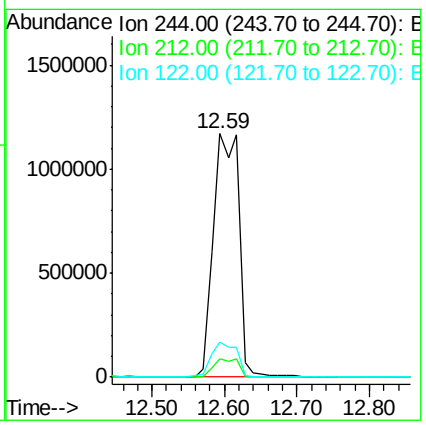


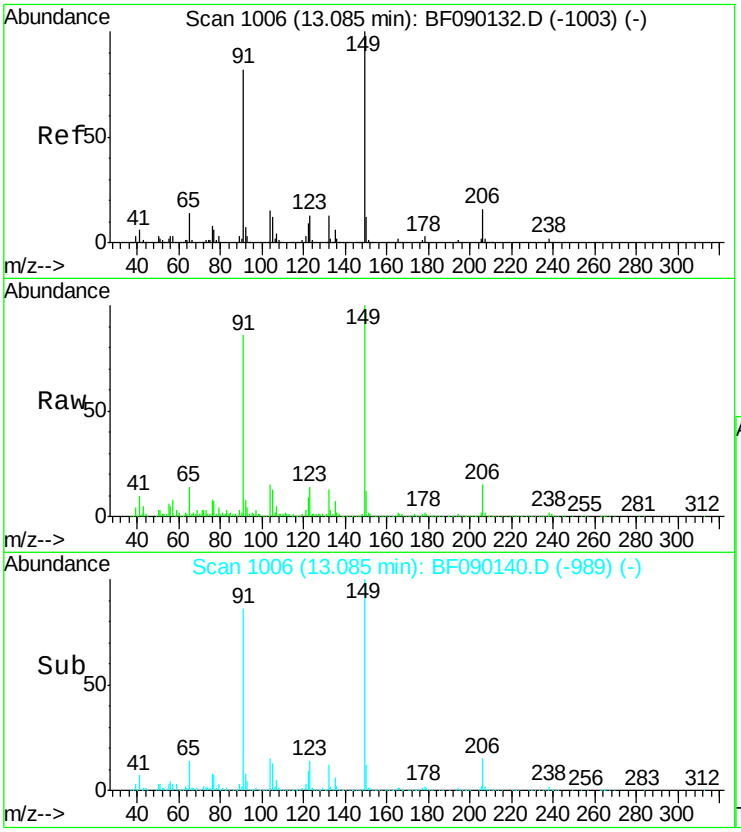


#78
Terphenyl-d14
Concen: 212.24 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:244 Resp: 2877565

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	14.3	9.4	14.0#



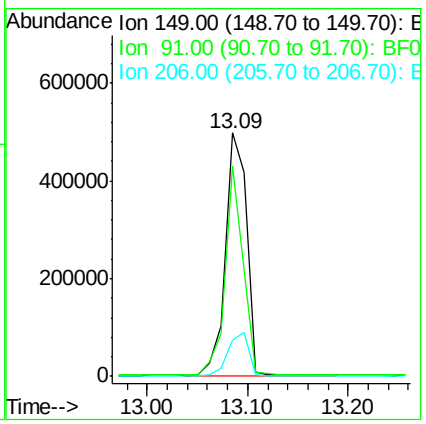


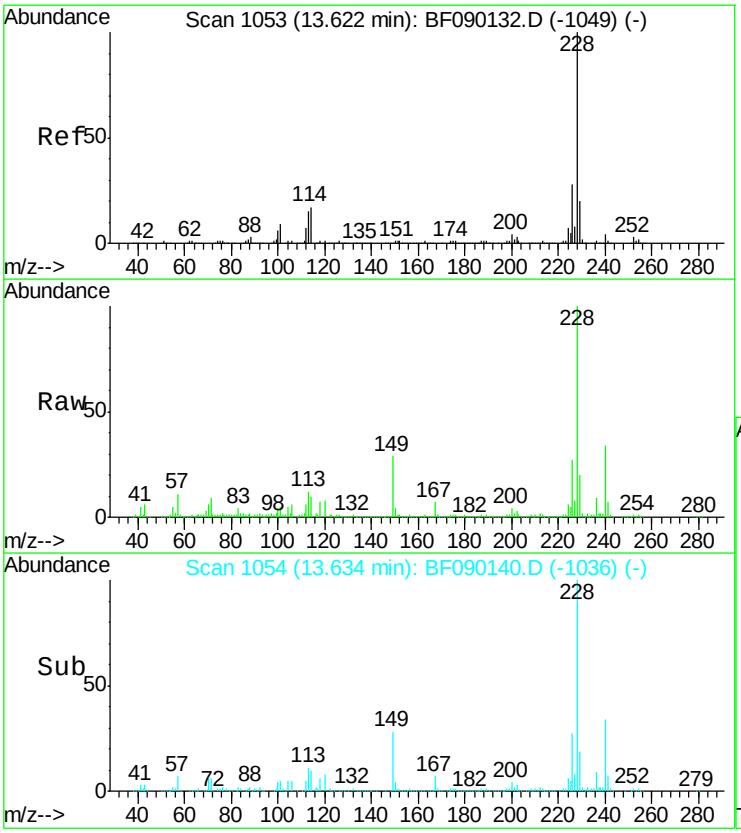
#79
Butylbenzylphthalate
Concen: 62.60 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:149 Resp: 721298

Ion	Ratio	Lower	Upper
149	100		
91	86.5	49.8	74.6#
206	14.7	16.3	24.5#

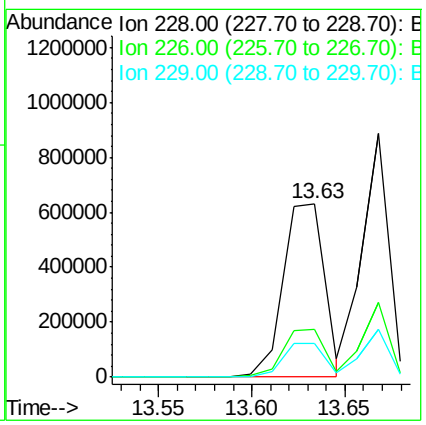


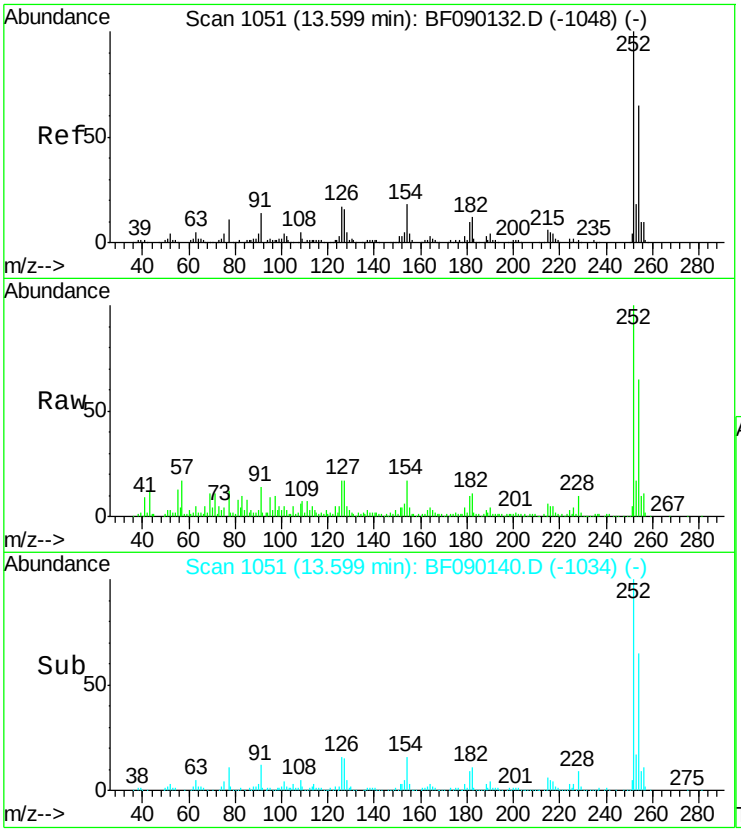


#80
Benzo(a)anthracene
Concen: 52.99 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:228 Resp: 981385

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.5	16.2	24.2



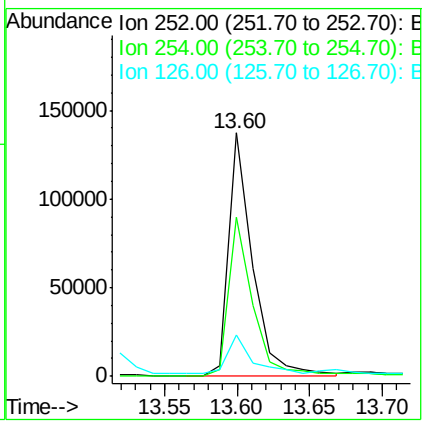


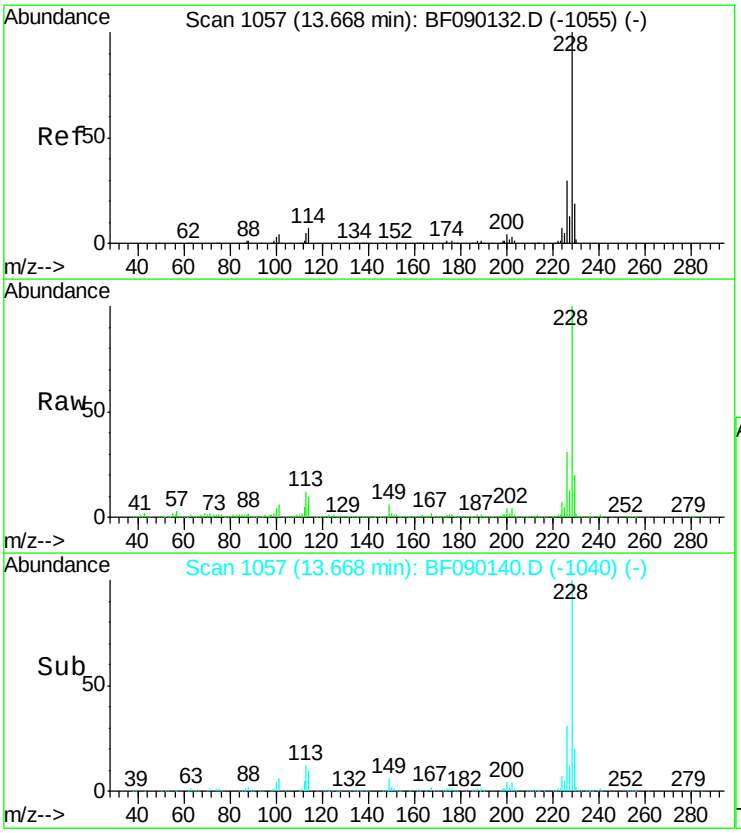
#81
3,3'-Dichlorobenzidine
Concen: 20.84 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:252 Resp: 159173

Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.7	76.1
126	17.0	9.2	13.8#

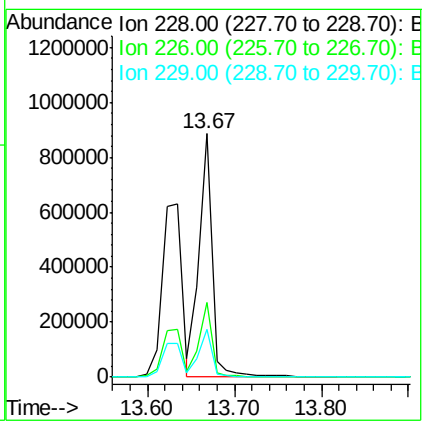


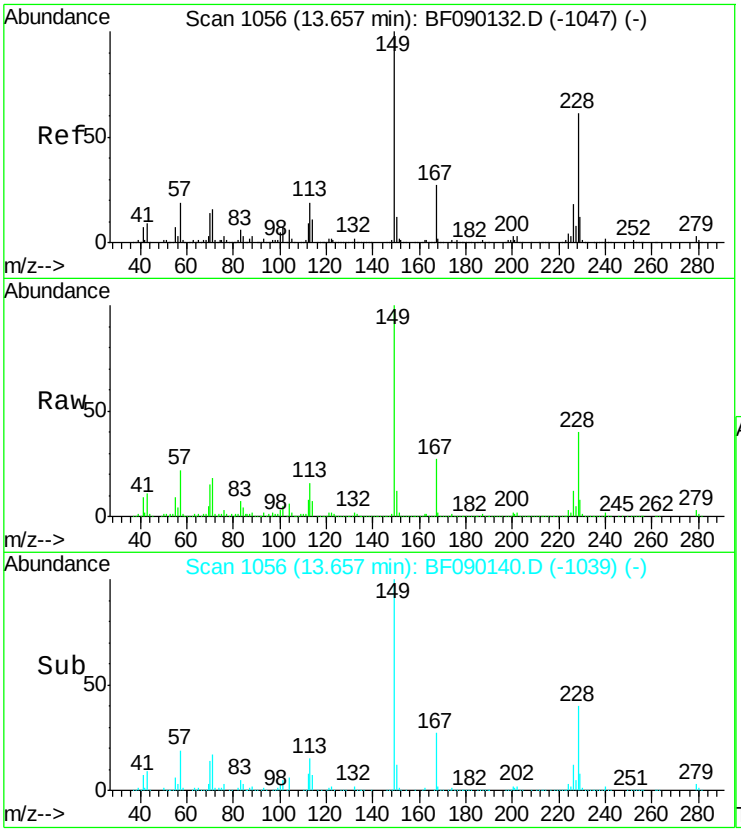


#82
Chrysene
Concen: 50.74 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:228 Resp: 915359

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.6	16.2	24.4



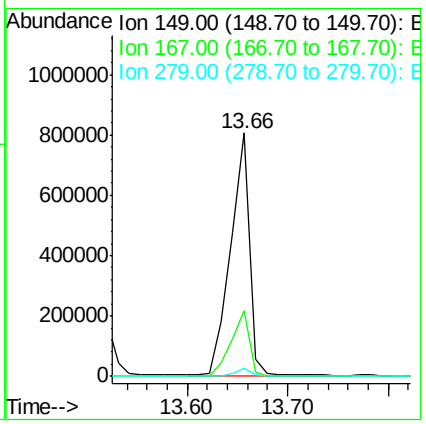


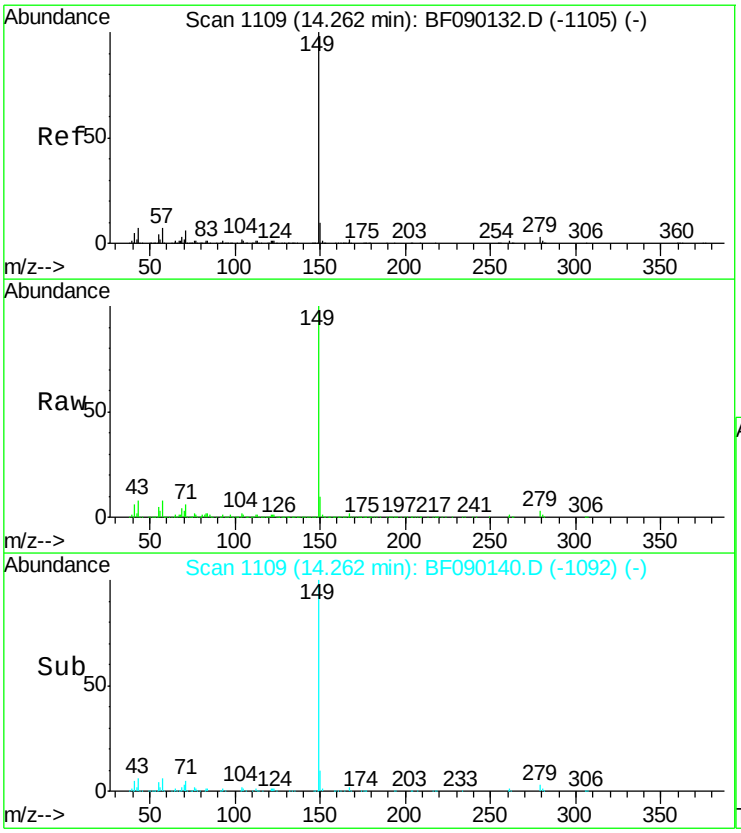
#83
Bis(2-ethylhexyl)phthalate
Concen: 71.28 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:149 Resp: 1050954

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	3.2	2.2	3.2

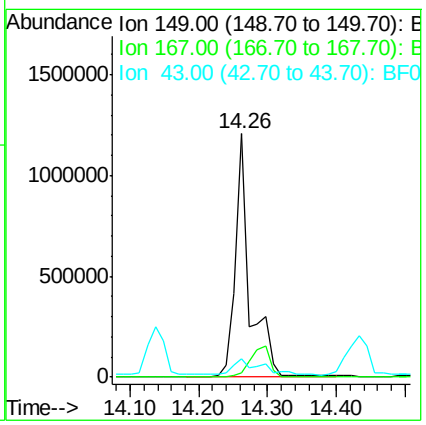


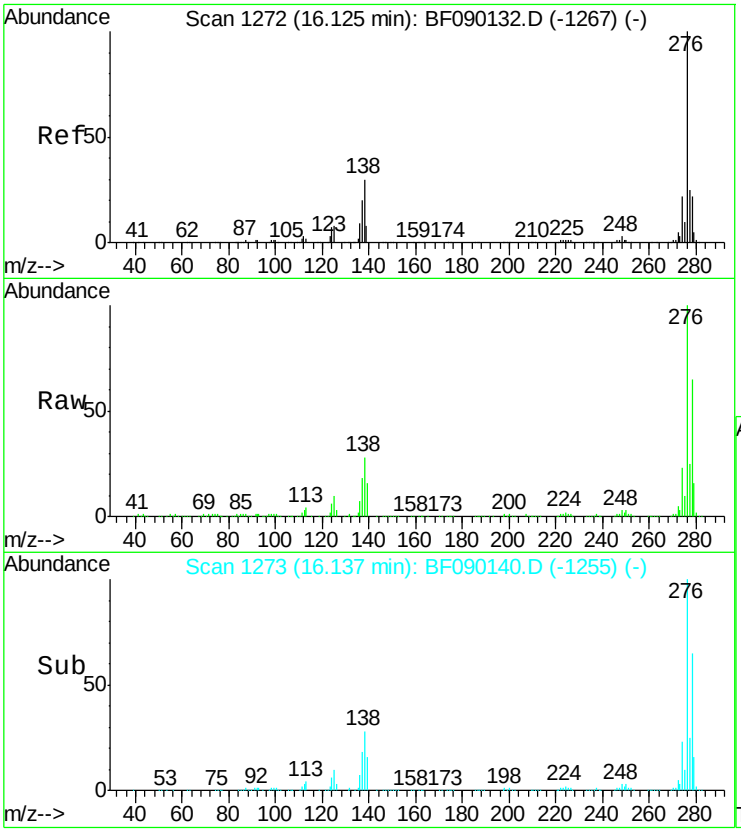


#84
Di-n-octyl phthalate
Concen: 69.92 ng
RT: 14.26 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:149 Resp: 1775992

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	12.0	6.8	10.2#



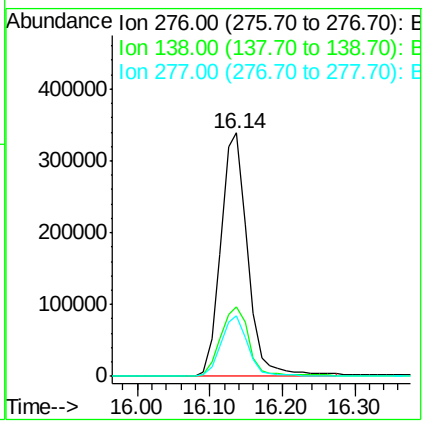


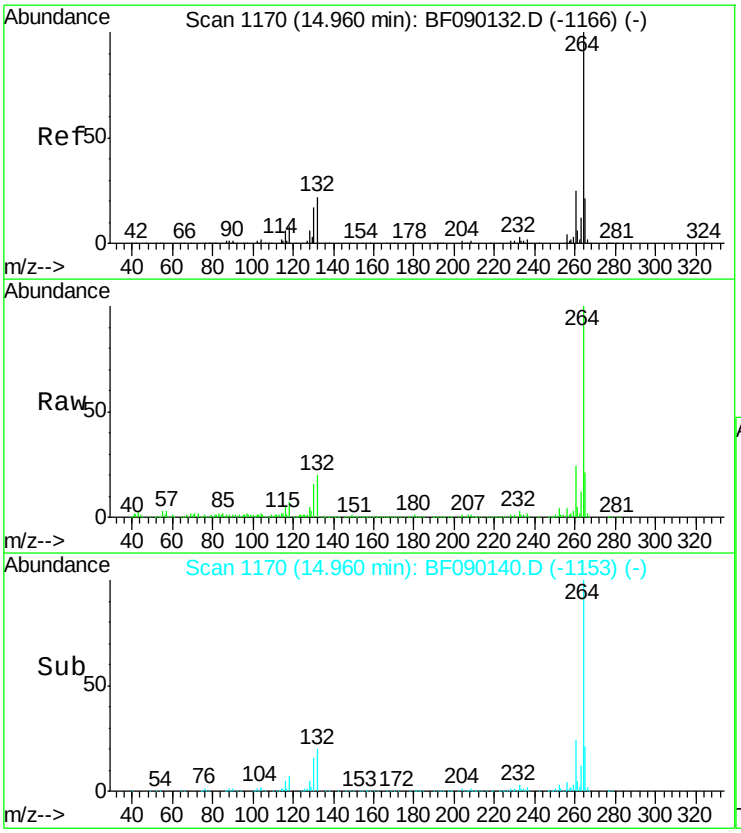
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.85 ng
RT: 16.14 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:276 Resp: 872966

Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.9	38.9
277	24.9	19.9	29.9

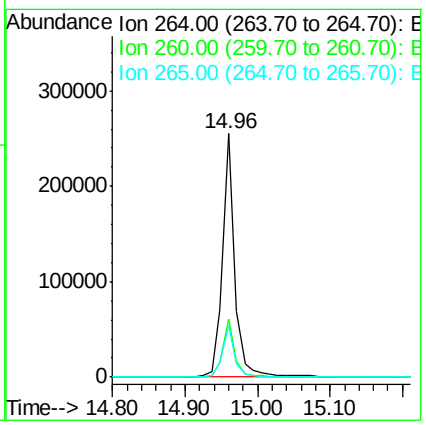


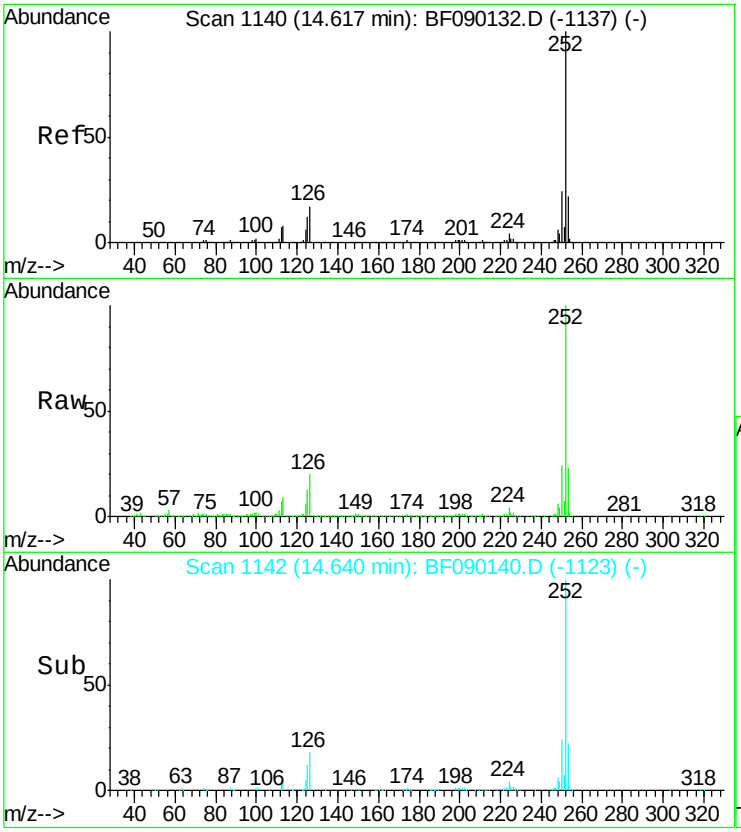


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:264 Resp: 301753

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.0	25.4



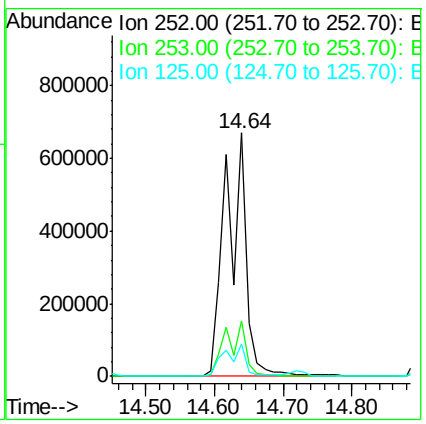


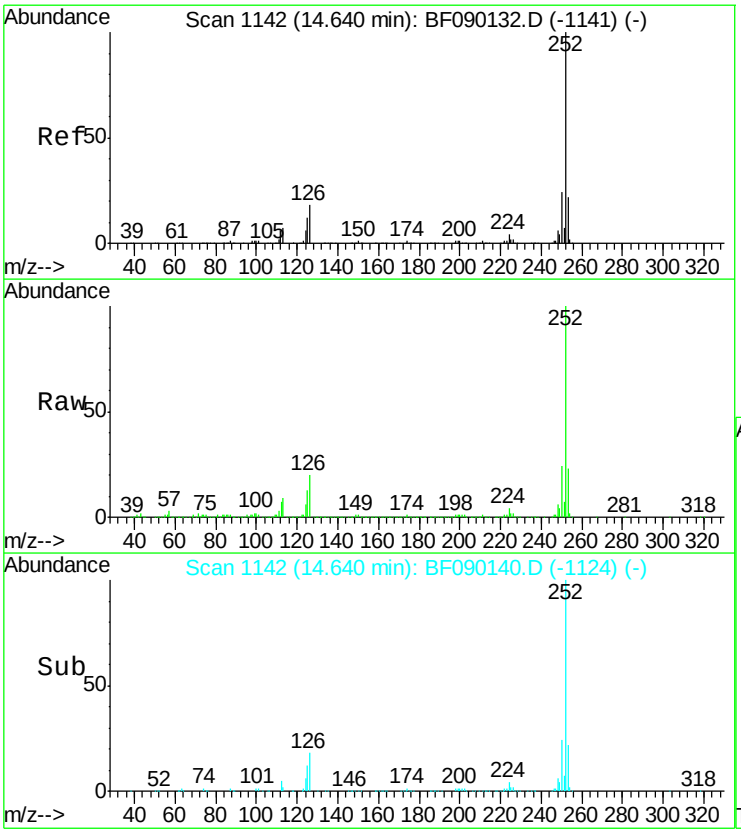
#87
Benzo(b)fluoranthene
Concen: 84.78 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:252 Resp: 1416659

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.4	12.7	19.1

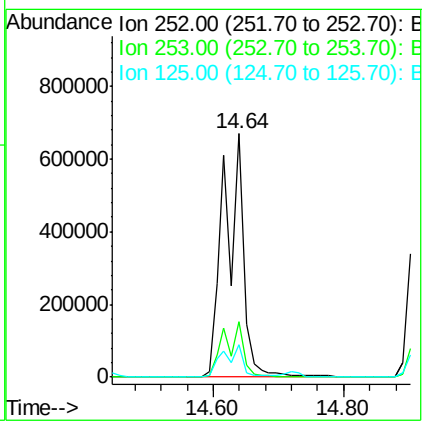


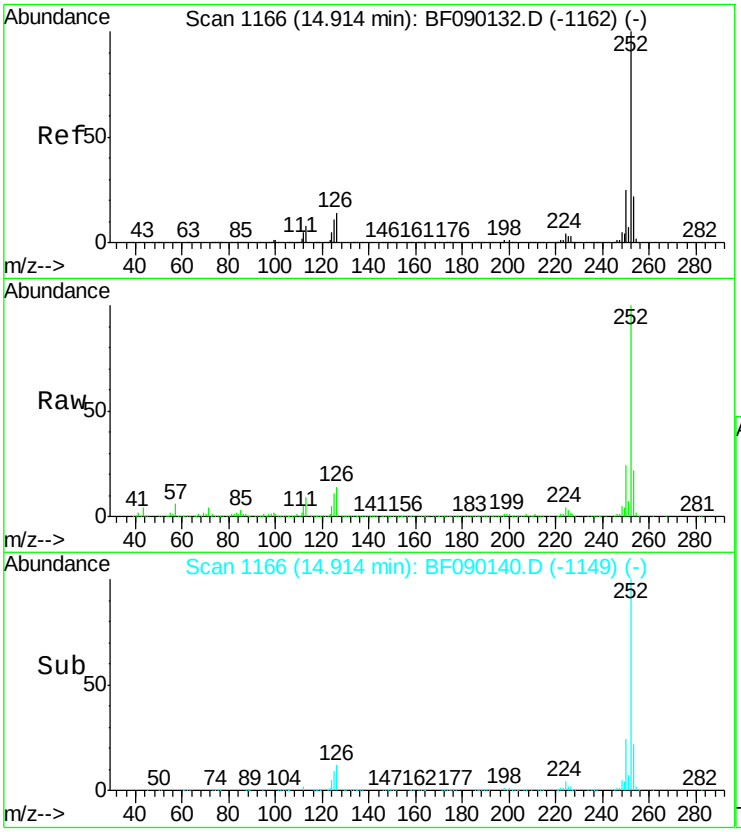


#88
Benzo(k)fluoranthene
Concen: 90.46 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:252 Resp: 1418572

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	13.4	7.8	11.6#



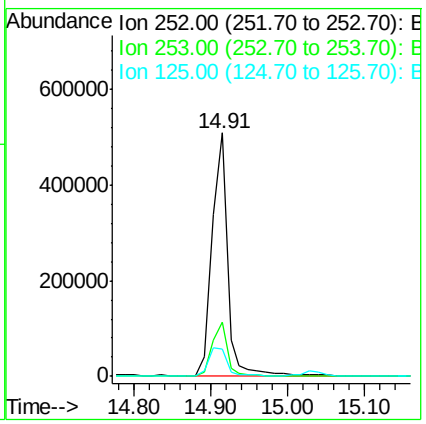


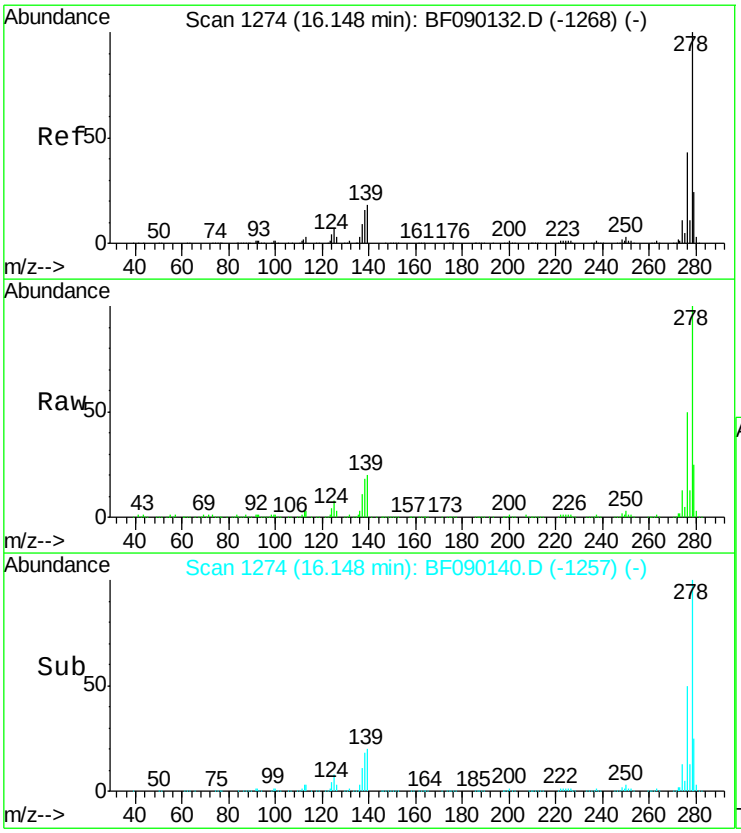
#89
Benzo(a)pyrene
Concen: 44.85 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:252 Resp: 704962

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.3	7.7	11.5

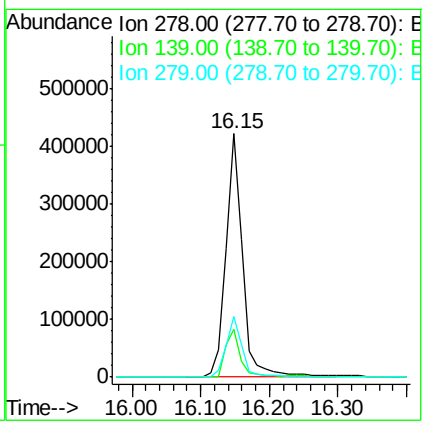


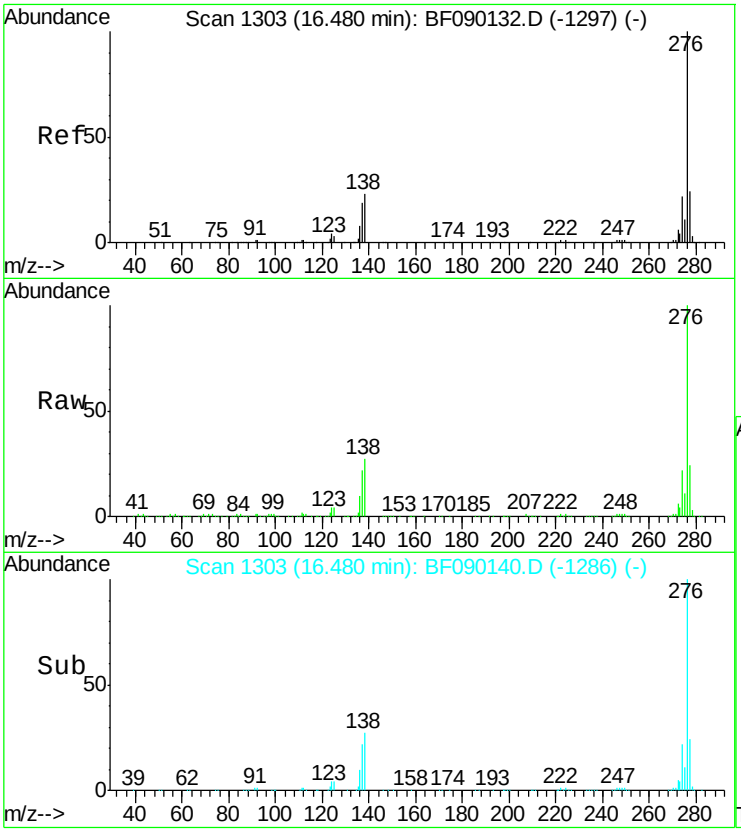


#90
Dibenzo(a,h)anthracene
Concen: 59.42 ng
RT: 16.15 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:278 Resp: 728786

Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	21.8
279	24.9	18.8	28.2





#91
Benzo(g,h,i)perylene
Concen: 64.14 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:276 Resp: 769972

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	27.2	23.3	34.9